

1st U.S. Cannabis Cup Ever!

HIGH TIMES

August 451

America's **POT KINGS**

Award-Winning Growers

**Making
Better
Budder**

**LSD
at 70**

**Canadian
Cultivation
Report**

**Doobie
Awards**

**Slightly
Stoopid**

**Entourage's
Adrian
Grenier**

Tangie
Sativa Cup Winner

HIGHTIMES.COM

August 2013 USA \$5.99 / FOR \$5.99





GIRL SCOUT COOKIES FEMINIZED SEEDS NOW AVAILABLE!



MAIL ORDERS:
SEND CASH OR BLANK
MONEY ORDERS TO:
GFS INDUSTRIES
2-140 KING ST EAST
SUITE# 407
HAMILTON, ON
CANADA L8N1B2

BC Bud

DISCREET WORLDWIDE DELIVERY



ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

WWW.BCBCBUDPOT.COM

SEED LIST

PRICES PER 12-SEED PACK

INDOOR/OUTDOOR

BC GOD BUD - \$90
THE PURPS - \$90
SWEET GOD - \$75
BC MANGO - \$75
THE BLACK - \$75
BC BLUEBERRY - \$75
THE BIG - \$75
SHIATSU KUSH - \$75
SWEET ISLAND SKUNK - \$75
BC SWEET TOOTH - \$75
707 HEADBAND - \$75
BC HASH PLANT - \$75
BLUE BUDDHA - \$75
JACK HERER - \$75
NORTHERN LIGHTS - \$75
BC ROCK STAR - \$75
BC KUSH - \$60
PURPLE BUDDHA - \$60

INDOOR

ANIMAL COOKIES - \$90
AMNESIA HAZE - \$75
UBC CHEMO - \$75
WHITE WIDOW - \$75
ALBINO RHINO - \$60
BC BIG BUD - \$60
WILLIAMS WONDER - \$60
INDOOR MIX - \$50

OUTDOOR

BC PINEWARP - \$75
OUTDOOR MIX - \$50
TEXADA TIMEWARP - \$75

FEMINIZED

BC GOD BUD - \$150
THE PURPS - \$150
GIRL SCOUT COOKIES - \$150
ORIGINAL BLUEBERRY - \$150
BC HASH PLANT - \$125
JACK HERER - \$125
SKUNK #1 X NL - \$125
SWEET DREAMS - \$125
CINDERELLA 99 - \$125
STRAWBERRY COUGH - \$125

AUTO FLOWERING

LOWRYDER #2 - \$125

ORDER SECURELY
ONLINE, BY PHONE
OR BY MAIL

Award Winner
All Female



**JUST RELEASED
ANIMAL COOKIES!**

Depot
1-888-40-BCBUD



ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

HIGH TIMES AUGUST



By Friday night, the eve of the Cup, Denver had warmed up and attendees were feeling positively toasty—if not toasted. Crowds poured into the Fillmore Auditorium for a special concert by Snoop Lion.

—A 420 to Remember, page 45

6	Internet
8	Editor's Letter
10	Letters
12	Contact High
19	Highwitness News Drug ed fails, High-Five and Global Beat
27	Entertainment Denver Cup music, Styles P & reviews. <i>Food (p.34)</i> <i>Clinic (p.36)</i> <i>Gear (p.38)</i> <i>Markets (p.40)</i>
99	Dear Danko
106	Ask Dr. Mitch
108	Adventures in the Counterculture
110	Almost Infamous
112	NORMLizer/FFOTM
120	Pix of the Crop
126	Next Month
132	The Pot 40

45 A 420 to Remember

The first-ever US Cannabis Cup on 4/20 drew thousands to Denver. It was a weekend for celebrating legal pot and stellar weed.

54 Awesome in Austin

The 2013 Doobie Awards smoke out SXSW.
By Bobby Black

56 Happy Birthday, LSD

Martin A. Lee, author of the acclaimed *Acid Dreams* and *Smoke Signals*, takes a look back at the history of turning on.

62 America's Best Breeders

The *High Times* cultivation department delivers the buzz on six of the greatest marijuana seed producers in the US and how they got their start on their award-winning strains.

74 Growing Colder

Once again, Health Canada is making life miserable for medical marijuana patients, while Canadian growers wonder whether their livelihoods are going up in smoke. *By Dan Skye*

82 Organic Budder

From K. of Trichome Technologies and Mel Frank comes the second installment of our groundbreaking series on creating cleaner concentrates. Plus: Budderking's organic method.

90 High Times Interview: Adrian Grenier

He's best known as the movie-star leader of the posse on HBO's *Entourage*, but Adrian Grenier is also a documentary producer. His latest film, *How to Make Money Selling Drugs*, is a frank exploration of the government's War on Weed. *By Mary Ought Six*



chameleon Glass

100% AMERICAN MADE. HIGH QUALITY GLASS ACCESSORIES

REAL PEOPLE
INNOVATION



#831 SPILL PROOF: A COMPACT HAND PIPE
FEATURING ON-THE-GO WATER FILTRATION

ENTER TO WIN THE MONTHLY SWAG BAG VALUED AT OVER \$200

CHAMELEONGLASS.COM/HIGHTIMES

TO SEE THE SWAG BAG, ENTER TO WIN AND READ ALL
CONTEST RULES & REGULATIONS PLEASE VISIT THE WEBSITE

HIGH TIMES DIGITAL

Steve Hoppenfeld (Left) and Adam Whobrey, known as Hoobs & Hops, have formed a hot partnership.



► Glass Artists of the Month

Meet Adam Whobrey (a.k.a Hoobs) and Steve Hoppenfeld (a.k.a Hops): Bona fide stars of the glass company Hoobs & Hops who collaborate on a regular basis. They revel in creating hot rod cars, rat-fink-style figures and other conceptual sculptures out of glass.

Adam says glass art requires an “all in” mentality. It’s only been 10 years since he undertook the artist’s path, but he’s watched a new American art movement take root. As for his role in it, he says “There’s no better feeling than pulling off that next-level piece for the first time.”

Steve, who began blowing glass 11 years ago in Vermont, grew tired of creating the same old downstem pipes. Then, while attending a soccer game, he had his lightbulb moment. He saw a water fountain made from PVC pipe. All the way down the pipe, holes allowed water to flow out at the same rate. Hops took a piece of glass tubing, popped it with holes down its length and sealed it sideways into another tube. Thus, the inline diffuser was born! The Jagito bubbler, created by Hops, is now the industry standard.

Late last year, Hoobs & Hops opened Cobra Kai Glass Studios in Southern California to further their partnership. And *High Times* called upon them to create Snoop Lion’s Lifetime Achievement Award (see page 45), an outlandishly ornate piece featuring horns and a glass chain. The world of functional glass art awaits more greatness from this dynamic duo.

Check out their work at hightimes.com/glass.

POT POLL

How Much Pot?

In our last poll, we asked: “What amount do you normally buy?” Of 1,000-plus respondents, an eighth was the most common amount purchased, with a quarter-ounce finishing a close second. That means most people spend between \$50 and \$150 for their stash. The important data that’s missing concerns income bracket. Buying 1-2 grams indicates either poverty or low need. Buying an ounce demonstrates a bit more financial liquidity. Check out hightimes.com/polls and cast your vote in our latest poll.

1-2 grams...10%
One-eighth ounce...23%
One-quarter ounce...18%
Half an ounce...13%
One ounce...18%
Over an ounce...6%
I grow...10%
I don't grow, but get mine for free...2%



► Jen's Music Stash

Managing editor Jen Bernstein continues cutting a swath through the stoner summer music scene. Listen to her recent exclusive Slightly Stoopid interview at Red Rocks Amphitheater in Colorado.

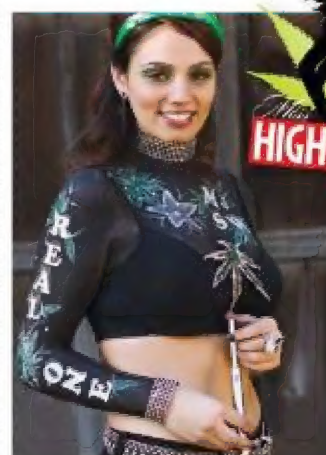
Listen at [@jbmusicstash](http://bit.ly/HTstash)



► Infamous Anthology

To celebrate the 100th edition of Bobby Black’s “Almost Infamous” column, we’ve collected them all into one digital anthology—downloadable to your tablet or smartphone for just \$1.99.

To order go to hightimes.com/infamous100



Miss August 2013

NAME: Brandy

PROFILE: brandyblaze

AGE: 25

CITY: Modesto, Ca

OCCUPATION: Headshop manager

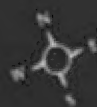
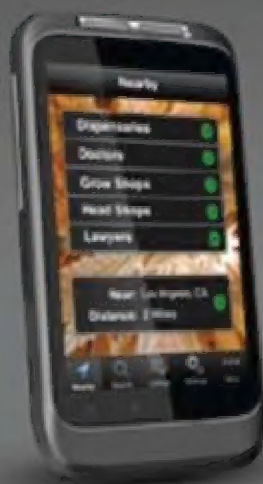
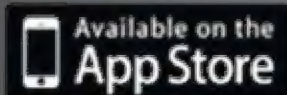
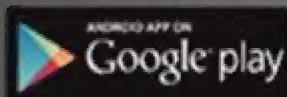
To enter or rate contestants, go to misshightimes.com. You must be 18 years or older to enter.



weedfinder

The World's LARGEST
Cannabis-Industry
Resource

GET IT NOW
FREE!!



EXPLORE

The World's
LARGEST
Cannabis-Industry
Resource!



BROWSE

OVER 18,000
Dispensaries.Deliveries.Doctors.
Grow Shops.Attorneys.Seed Banks.
Head Shops.Coffee Shops+News



DOWNLOAD

Our FREE Mobile App & Have
THOUSANDS of Connections
in Your POCKET!!!!!!
iPhone + Android



WEEDFINDER.COM

Thank You, Colorado!



The first U.S. Cannabis Cup

Harry J. Anslinger is rolling in his grave right now. Up above him on terra firma, his life's work is being dismantled, and the yellow fingernails of his long-dead hands are no doubt clawing at the pil- lowed satin lining of his coffin. If his skeleton were able to dig its way through the six feet of earth that separates Harry from us, I believe the first commissioner of the Treasury Department's Federal Bureau of Narcotics would be apoplectic at the sight of what is now happening to his racist fantasy of "Reefer Madness."

When I first started working for *High Times* in those pre-Proposition 215 days, pot growers and pot dealers existed in the shadows—as many still do today. That's why the first U.S. Cannabis Cup in Denver this past April was a watershed moment in the fight for marijuana rights. The momentum is too strong now for us to ever return to the dark ages. At this point in history, marijuana is too big to fail.

In addition to all the attendees, vendors, entertainers and panelists who were part of the first U.S. Cannabis Cup, *High Times* magazine would like to thank the city of Denver itself for hosting this historic affair. Our event brought together over 16,000 people from across the country for a two-day celebration of personal freedom.

We cannot overestimate the importance of this moment. For nearly 80 years, US citizens have been subject to arrest and persecution for the cultivation, use and possession of marijuana. Prohibition has ruined numerous lives, and we applaud the voters of Colorado as well as Washington for starting the process of finally righting this national shame. The city of Denver just showed the rest of this country the kind of extraordinary economic opportunities that legal marijuana represents. And by allowing marijuana users to come together peacefully in the open, it has also helped erase the stigma that has been cast over cannabis culture for so long. Without question, voters throughout the nation will be looking at Colorado's shining model of progressive legislation, and more states will decide to follow its lead. It is always better to co-exist in prosperity than in suffering and enmity.

Now is the time for a new, much-needed movement to arise. While the fight for cannabis rights is far from over, we must also press home the issue of amnesty for nonviolent marijuana offenders, all those people currently imprisoned for what is now legal in some states. More work needs to be done, and we will do it—but first, let's all celebrate this special moment.

Sincerely,

Chris Simunek
Editor In Chief

HIGH TIMES

EDITOR-IN-CHIEF
Chris Simunek

MANAGING EDITOR
Jen Bernstein

ART DIRECTOR
Frank Max

SENIOR EDITOR
Bobby Black

SENIOR CULTIVATION EDITOR
Danny Danko

CULTIVATION EDITOR
Nico Escondido

COPY EDITORS
Mary Jane Gibson
Rick Szykowny

CREATIVE DIRECTOR
Steven Hager

PRODUCTION DIRECTOR
Elise McDonough

PRODUCTION MANAGER
Tyler Stewart

CONTRIBUTORS
Paul Armentano,
Bianca Barnhill,
David Bienenstock,
Crazy Composer,
Big Croppa, John
Fortunato, Mel Frank,
Freebie, Jon Gettman,
Andre Grossmann,
Brian Jahn, K of Trichome
Technologies, Kris Krane,
Kyle Kushman, Lochfoot,
Mark Miller, MzJill,
Samantha Nicholas,
Michael Simmons,
Stinkbud, Allen St. Pierre,
Subcool, Polly Watson,
Katy Winn

Founding Publisher/Editor
Thomas King Forcade
1945-1978

EDITORIAL DIRECTOR
Dan Skye

WEB EDITOR
Mike Gianakos

DIRECTOR OF TECHNOLOGY
Craig Coffey

PUBLISHER
Mary C. McEvoy

ASSOCIATE PUBLISHER
Richard Cusick

ADVERTISING DIRECTOR
Michael Czerhoniak

SENIOR ADVERTISING
REPRESENTATIVE
Matt Stang

ADVERTISING REPRESENTATIVE
John McCooe

ADVERTISING MANAGER
Ann Marie Dennis

CONTROLLER
Sheila Avon

EVENT COORDINATOR
Michael Safir

DIRECTOR OF SOUTHWEST
PROMOTIONS
Cathy Baker

NATIONAL
ADVERTISING OFFICE
250 West 57th Street
Suite 920
New York, NY 10107

TO ADVERTISE IN
HIGH TIMES, CALL:
(212) 387-0500

FOR SUBSCRIPTIONS
IN THE US, CALL:
(800) 827-0228

FOR SUBSCRIPTIONS
OUTSIDE THE US, CALL:
(386) 597-4316

TO SELL HIGH TIMES, CALL: (800) 998-0739
EMAIL: sellht@hightimes.com

TRANS HIGH CORPORATION

HIGH TIMES August 2013 No. 451 (ISSN #0362-630X), published monthly by Trans-High Corporation, 250 West 57th Street, Suite 920, New York, NY 10107 • HIGH TIMES and Trans-High Corporation do not recommend, approve or endorse the products and/or services offered by companies advertising in the magazine or website. Nor do HIGH TIMES and Trans-High Corporation evaluate the advertiser's claims in any way. You should use your own judgment and evaluate products and services carefully before deciding to purchase. • Mail subscriptions (payable in US funds) and changes of address (please include most recent mailing label) to PO Box 422560 Palm Coast, FL 32142-2560 • Offices at 250 West 57th Street, New York, NY 10107 • Periodical postage paid at New York, NY, and at additional mailing offices • Manuscripts must be accompanied by a self-addressed stamped envelope • All contributions will be carefully considered, but the publishers and editors assume no responsibility for loss or injury to unsolicited material • Copyright © 2013 by Trans-High Corporation. Nothing in this publication may be reproduced in any manner, either in whole or in part, without specific written permission of the publisher. All rights reserved. "HIGH TIMES," "CANNABIS CUP," "MEDICAL CANNABIS CUP," "MISS HIGH TIMES," "PIX OF THE CROP," "POTCAST" and "BONGHITTERS" are trademarks and registered trademarks of Trans-High Corporation. All advertising and advertised products void where prohibited. POSTMASTER: Please send address changes to HIGH TIMES, PO Box 422560 Palm Coast, FL 32142-2560

PRINTED IN THE USA



HORTI
LAB



Photo: Erik Biksa

2ND PLACE - SATIVA 25TH HIGH TIMES
CANNABIS CUP - SOURAMNESIA

WWW.HORTILAB.NL

ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

Vietnam War Hash?

I picked up a piece of history recently and would like to see what you know about it. A lady sold me what appears to be a large block of hash, which she told me her brother had sent to her back when he was fighting in the Vietnam War (he later died there). She says she's had it hanging on the wall for years: It weights 3.2 pounds, has a very fancy design imprinted on it, as well as five stars and some foreign writing. On the back it is divvied up into even blocks, with the design showing where it can be broken apart into evenly proportioned squares. So please let me know who to contact about this without getting into trouble—it must have a museum value of some type, and I would like to find someone interested in displaying this great piece. Thanks!

Detour

It sounds to us like you have over a kilo of hash there. Hash from that region is often stamped with a gold design identifying the manufacturer. And while it sounds like a wonderful conversation piece, it is also extremely illegal. Even if there were a marijuana museum or collector in the US or elsewhere who was interested in obtaining it, the act of putting that block of hash in the mail is a felony punishable by some serious prison time, so we wouldn't recommend it.

CBD for Children

My name is Nate Morris, and I'm on the Discovery Channel's *Weed Country*. As some of you may know, *High Times* has chosen to promote a boycott of the Discovery Channel, partly over *Weed Country*. Please understand: I'm not interested in convincing people to watch the show. Instead, I want to talk about pediatric cannabis therapies.

For all its faults, *Weed Country* has profiled a child with pediatric epilepsy who has successfully been treated using medical cannabis high in CBD (cannabidiol). That wasn't staged to make good TV—that really happened!

In recent years, there have been many reported cases of seriously ill children having remarkable turnarounds thanks to medical cannabis. The first reality TV program to document this was *Weed Wars*, which offered the story of a child with Dravet syndrome being treated with medical cannabis. *High Times* itself has even reported on this from time to time.

These stories should be a game-changer for the entire medical cannabis community. Anyone with experience growing organic medical cannabis now has a moral responsibility to produce high-CBD strains, which can be used in



Now that the parents of special-needs children are aware of the power of CBD, the supplies cannot nearly keep up with the demand.

the treatment of so many people, including children. Nothing is more important.

Now that the parents of special-needs children are aware of the power of CBD, the supplies cannot nearly keep up with the demand. Children are suffering and even dying because their parents can't find the medicine they need. The readers of *High Times* have the power to end this nightmare. Imagine how history will remember this movement if we step up to the plate as a community and help those who suffer from these horrible diseases. We can do this.

If you are growing cannabis, track down a high-CBD plant and start growing it. If you breed medical cannabis, start a program of selective breeding for high levels of CBD. If you already have high-CBD plants, reach out to the parents of special-needs children in your community. They will require a lot, so do your best to make it affordable.

If you've ever thought about growing medical cannabis, now's the time. Take a stand to save another person's life. Occupy your own CBD farm! You can find the people most in need of our help by visiting the new Facebook group, the CannAxis Patient Network.

Thank you.

Nathaniel Morris

NateMorris@CannAxis.com

Send your letters to
Feedback c/o
High Times, 250 West
57th St., Suite 920,
New York, NY 10107
Email: hteditor@hightimes.com

Our issue with the Discovery Channel regarded shows that feature police busting marijuana growers. To us, that's persecution, not entertainment. That said, we know that you are doing a lot with *Weed Country* to get issues like this out in the open and we support you and your work.

Patients' Rights in Florida

I'm writing to nominate attorney Michael Minardi from Stuart, FL, as Freedom Fighter of the Month. Minardi has represented me and several other medical cannabis patients in the Florida legal system by using the medical-necessity defense. My arrest was in 2009, and it took 18 months to get a trial date set. My trial was finally scheduled for May 2, 2011. Twenty-four hours before trial, the district attorney called Minardi and offered me a deal—but I had done nothing wrong and wasn't about to admit otherwise, which was part of the deal's terms. Several

hours later, the DA's office called back and said they could not take a chance with my case and would be dropping all charges!

Since then, more patients in Florida have taken a stand and are fighting back. In the last 24 months, Minardi has been successful with the medical-necessity defense several more times and has another five patients still facing trial. For his determined advocacy in court of people who use medical cannabis, I'd like to see Michael Minardi chosen as the Freedom Fighter of the Month (or Year).

Jeffrey Kennedy

Miami Cannabis Cup?

First and foremost, your magazine is awesome and I'm a loyal reader! Florida has now put forward a bill legalizing medical marijuana—in fact, this is the third such bill that has been submitted in the State Legislature in recent years, and this time its passage looks highly promising! So if Florida finally does become a medical marijuana state, would you ever have a Medical Cannabis Cup here in Miami?

Jorge V.

We'd love to, Jorge. Call your state lawmakers and get that bill passed!



A Better Grow Box Means **Better Crops.**

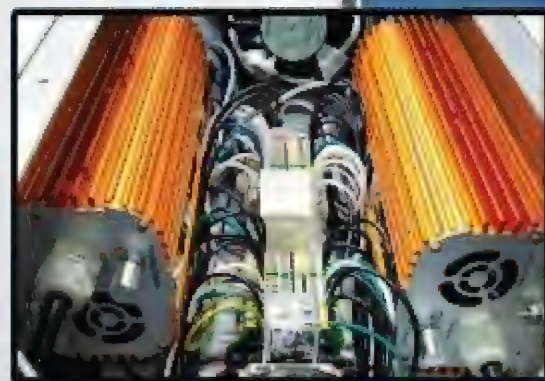
Crafted from medical-grade powder coated aluminum, our *premium* grow equipment delivers incredible crops in a compact space. Industrial strength construction far exceeds the durability and performance of traditional steel or plastic grow boxes, giving you a lasting growing appliance.

Essential Gear For Serious Growers

BC Northern Lights builds grow equipment that is built for growing, makes sense to use, and is safe to operate.



Easy to use, quality equipment makes growing simple & our 365 day a year grow help ensures results



Hardcore medical-grade construction is built by hand from scratch for a long lasting, easier life



Call Us And Start Growing
1.888.236.1266



BC Northern Lights
www.BCNORTHERNLIGHTS.com



VERY STONED WITH SLIGHTLY STOOPID The HotBox Party at legendary Red Rocks sponsored by *High Times* and GrowLife Inc. featured performances by Tribal Seeds, Cypress Hill and of course, Slightly Stoopid. Their epic set began with the band exiting a smoke-filled Mystery Machine and ending with over 10,000 happy fans more than slightly stoned. *Photo by Kim Sidwell*



**Contact
High**

DENVER'S FINEST NUGGETS Behold the illustrious dried marijuana flowers judged to be the best buds and overall winners at the first-ever High Times U.S. Cannabis Cup in Colorado! These sensational strains rose to the very top of their categories by exhibiting pleasing aromas, tantalizing flavors, clean-burning properties and of course the ultimate in pot potency levels.

CHEM TANGE
(La Conte's North)**VEGANIC STRAWBERRY COUGH**
(Kushman Genetics)**PLATINUM GIRL SCOUT COOKIES**
(Private Stock LA)**LARRY OG**
(MMJ America)**BANANA KUSH**
(Mile High Green Cross)**SKYWALKER 600**
(The Greenest Green)

R-18
(Denver Relief)



CINDERELLA '99 x THE WHITE
(Natural Remedies)



GHOST OG KUSH
(The Clinic Colorado)

US MIXED FLOWERS

- 1 - Veganic Girl Scout Cookies by Private Stock/Buds & Roses
- 2 - TIE: Chem Tange by La Conte's North and Veganic Strawberry Cough by Kushman Genetics
- 3 - Kosher Kush by DNA Genetics

MEDICAL HYBRID

- 1 - R-18 by Denver Relief
- 2 - Cinderella '99 x The White by Natural Remedies
- 3 - Ghost OG Kush by The Clinic Colorado

MEDICAL INDICA

- 1 - Skywalker 600 by The Greenest Green
- 2 - Larry OG by MMJ America
- 3 - Banana Kush by Mile High Green Cross

MEDICAL SATIVA

- 1 - Tange by The Clinic Colorado
- 2 - Durban Poison by Choice Organics
- 3 - Stardawg Guava by The Clinic Colfax

TANGIE
(The Clinic Colorado)



DURBAN POISON
(Choice Organics)



STARDAWG GUAVA
(The Clinic Colfax)



**Contact
High**

THE GREENHOUSE EFFECT Out in the farmland of Ontario, Canada, Medical Marijuana Alliance Resources provides medicine to patients at astoundingly low prices. But Health Canada is poised to dismantle the nation's medical marijuana program, making patients pay higher prices. Check out "Growing Colder" on page 74. *Photo by Dan Skye*





DON'T LET YOUR JOB GO UP IN SMOKE!

OHhhh
YEEAH!

NO
WIMPS
HERE!

BEWARE THE
WIMPINATOR!

C'MON...
GET
SERIOUS,
OMAR!

FIGHT APATHY
OR DON'T

Everything
you know
is wrong.

NO
WIMPS
ALLOWED.
Shake it like
ya mean it!

WHY ARE
YOU LOOKIN
DOWN HERE?

**MONKEY
DONG**

**MONKEY
WHIZZ**

**MONKEY
FLASK**

The World's
Best Selling
"Urine
Substitution
Kit!"

The Most
Discreetly
Concealed
Bottle!

The Finest
Strap-On
Urinating
Device
Available!

only
\$79.95!

only
\$39.95!

only
\$24.95!



• SAME DAY SHIPPING
• ALL MAJOR CREDIT CARDS ACCEPTED
BEST PRODUCT! CHEAPEST PRICE!
SATISFACTION GUARANTEED!

1-800-936-1070
SERIOUSMONKEYBIZZ.COM



Highwitness News

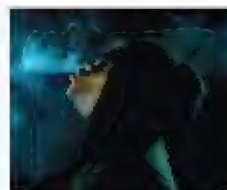
Rachel gets rocked by reefer!



Entertainment

"Float"-ing with Styles P

HT records releases a stash of stoner rap. p.30



Food

Primo Pot Cookies

Simple and sweet knockout treats. p.34



Trite rhetoric never gains much long-term traction. By the early '90s, pot had made a complete cultural comeback.

which an avuncular Linkletter interviewed several children and elicited humorous responses.

In 1969, Linkletter's daughter Diane committed suicide. The distraught father blamed a "bum trip" on LSD for her death, but the toxicology report came back negative. Even so, following passage of the federal Controlled Substances Act in 1970, Linkletter became an avid anti-drug crusader and, because of his supposed rapport with children, visited schools across

Uncle Sam Flunks Out

For decades, the US government has invested in anti-drug programs that target school-age children. And they've proven to be an epic failure. *By Mark Miller*

In many instances, anti-drug programs are our children's first encounter with the cannabis leaf and other archetypal drug imagery. The image of the evil leaf is stamped indelibly on the child's visual memory, sharing cerebral space with favorite toys and cartoon characters. It's an abrupt childhood pit stop, an occasion to scare the bejesus out of impressionable young minds.

And it's been going on for decades. Essentially, innocent children have had their classrooms invaded—along with their TVs, smartphones and computer screens—by one professionally crafted, government-funded propaganda campaign after another. Ironically, the

practice of targeting young children with these anti-drug programs constitutes a widespread indoctrination of American kids into the subculture of marijuana, as well as other illegal and actually *dangerous* drugs. In some instances, these propaganda efforts—ranging from the ubiquitous Drug Abuse Resistance Education (DARE) program to Nancy Reagan's insipid "Just Say No" campaign—have actually been shown to *encourage* drug use.

But before DARE and Nancy Reagan, there was Art Linkletter. He was the host of *House Party*, a popular afternoon talk show. Its most famous segment was "Kids Say the Darnedest Things," in

America to "educate" them about the evils of countercultural dope.

Linkletter would earnestly relate the tragic story of his daughter. But he didn't tell students the whole truth about Diane: that she'd been suffering from serious depression independent of any drug use. Then again, revising the inconvenient truth is an enduring hallmark of the War on Drugs.

Linkletter would also provide children with "drug coloring books" during his visits. One memorable page featured an anthropomorphized wolf—dressed like a hippie, of course—looking over his shoulder. (Why? Because pot was making him paranoid.) But for virtually all of the students, that wolf drawing would be their introduction to the subject of marijuana.

Significantly, a child's view of a wolf is that of a sneaky, dangerous predator, the fearsome creature of fairy tales like "Little Red Riding Hood" and "The Three Little Pigs" with their Big, Bad Wolf. However, for many kids, the wolves in

coloring books and similar depictions may have lent an undercurrent of allure to the drug/pot experience on a subconscious level. And in fact, Linkletter's school-to-school touring did little to deter kids from experimenting later in life. The so-called "drug culture" may have had its origins in the 1960s, but many have argued that it didn't really enter the mainstream until the 1970s. Cannabis became so culturally pervasive that a sitting president—Jimmy Carter—actually advised Congress to decriminalize marijuana nationwide in 1977. The anti-drug crusaders weren't about to let *that* go down, but it's still indicative of how popular cannabis use had become among Americans, despite the best efforts of Linkletter and others.

By the 1980s, Linkletter had faded away and Nancy Reagan became the nation's primary anti-drug crusader, famously instructing a generation to "Just Say No." Pot use did, in fact, decline during the '80s—for a time. But trite rhetoric never gains much long-term traction, and by the early '90s, cannabis had made a complete cultural comeback.

DARE was formed by the late Daryl Gates, the controversial and combative police chief in Los Angeles. It flourished in the '90s by employing a more

If the government remains gung-ho on spending well over a billion dollars on anti-drug programs for young people, focus on genuine education instead of manipulative propaganda.

interactive strategy, in which cops were hired to brainwash kids with Drug War propaganda for 10 weeks. Afterwards, students would pledge to stay drug-free for the rest of their lives during an over-the-top "graduation ceremony."

But there has been one big benefit to these organized anti-drug efforts: They provide cold, hard stats proving that the propaganda shoveled out by the likes of DARE was not only worthless but counterproductive. A federal study in 2003 found that DARE exposure triggered a "boomerang effect" in young people, making some "DARE graduates" *more* likely to try illegal drugs. And a government-sponsored report in 2006 revealed that advertising propaganda weakened anti-drug norms while increasing the perception that other kids use marijuana (thus conditioning young viewers to believe that such use is acceptable—perhaps even desirable).

And throughout its history, DARE has courted controversy by essentially training kids to serve as "junior narcs,"

encouraging them to spy and inform on their parents and other adults using drugs.

So is there an alternative to this failed approach? Sure enough. If the government remains gung-ho on spending well over a billion dollars on anti-drug programs for young people, then focus on genuine education instead of manipulative propaganda. Teach kids the entire reality of drugs, both the appeal of the high and the dangers of abuse—and include legal pharmaceuticals!

Let's be truthful about marijuana, because more young people are turning to it these days as an alternative to cigarettes and alcohol, for one very good reason: because they know it's much safer. So why not spend all that money to send scientists, physicians and medical researchers into the schools and give students the best objective, big-picture look at drugs? After all, kids are more likely to listen to adults when they know they're being told the truth. 🌿

HIGH FIVE

Stupid Is as Stupid Does

Marijuana is subject to some of the most brainless laws in America.



Felonious Possession

Arizona's cannabis laws are more ancient than the Grand Canyon. It's the only state still prosecuting petty pot possession as a felony. First-timers generally get offered probation, but even being busted with a modest amount can earn you 18 months behind bars and a \$150,000 fine. If you're near a school, add another year to your prison sentence.



Three Stupid Strikes

They don't have Major League Baseball in Louisiana, but they do have a ludicrous "three strikes" law designed for habitual offenders, which insanely includes those with a habit of smoking pot. To the rescue comes HB 103, a bill in the Louisiana House of Representatives that would remove cannabis possession as a "strikeable" offense triggering harsh mandatory minimums—up to 20 years in prison for a third bust!



Stop-and-Frisk Risk

Possession is simply a fine in New York, but the NYPD can force any "suspicious-looking person" (read: young minorities) to empty their pockets. But once it's out in the open (even at a police officer's "request"), it constitutes public display, which can and usually does result in your arrest. Recent attempts to standardize New York's pot laws to misdemeanor status remain pending.



Petty Sales = Life

Oklahoma's punishment for the sale of *any* amount of pot is downright medieval: incarceration for two years to life. Case in point: Patricia Spottedcrow, a Native American woman and mother of four young kids, who got 12 years for selling \$31 worth of weed (twice) to a narc. It's yet another case that demonstrates how Oklahoma unfairly punishes women and minorities for pot.



Might as well Deal

In Florida, if you're caught with more than 20 grams, the penalty is the same, whether you attempt to sell it or not: a misdemeanor carrying a five-year sentence. Possession of less than 20 grams is still a year in prison. If you grow, keep it under 25 plants—otherwise, it's evidence that you intend to sell or distribute. Previously, a more logical 300 plants was the standard.



Royal Queen Seeds

ALL OUR SEEDS ARE FEMINIZED



FREE SEEDS WITH EVERY ORDER!

VIEW ALL STRAINS ON WWW.ROYALQUEENSEEDS.COM

ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

f facebook.com/RQSeeds
t twitter.com/royalqueenseeds



ORDER@ROYALQUEENSEEDS.COM
TEL: +31 (0)73 54 79 916
WWW.ROYALQUEENSEEDS.COM

Royal Queen Seeds will only sell its cannabis seeds and similar products to those who are at least 18 years old. Unless you are specifically granted a licence from the Secretary of State, then it is an offence to cultivate the any plant from the family Genus Canabis. Anyone who acts contrary to this law and decides to commit the offence can be imprisoned, fined or both. Royal Queen Seeds products are not sold to encourage the breaking of laws and are sold with the express purpose of preserving genetics, as souvenirs or incase the laws should change. Royal Queen Seeds does not condone the breaking of any laws and it is your responsibility to check your local laws, import and custom regulations before ordering. It is illegal in the United States to acquire live Cannabis Seeds by any means.



Kick Your Butts Now!

It's not unusual for those who smoke pot *and* cigarettes to say that they crave the latter more fiendishly after getting high. Although there's been only anecdotal evidence concerning this phenomenon to date, a new study—courtesy of the Feds—has produced some unsettling results for pot smokers addicted to nicotine.

As reported by *Medical News Today*, two sets of lab rats were used in the study. One set was exposed to THC, while the other received a placebo for three days. A week later, both groups of rats were trained to self-administer nicotine. Researchers found that the THC-treated rats not only gave themselves an intravenous nic-fix faster and more frequently, but they also “worked harder” to obtain the toxic alkaloid that millions of Americans remain hooked on.

Just as disturbing, cigarettes compromise the healing attributes of pot. A 2009 University of British Columbia study found that those who smoke pot and cigarettes have an increased risk of developing debilitating chronic obstructive pulmonary disease, even though the same study found no higher COPD risk for people who smoke pot but not cigs.



Dank for Dogs

Dog owners who are also pot smokers often wonder about the effect of the herb on their pets. It's a contentious issue: Some say their pets actually “like” pot, while others rail against the very idea, arguing that since pets can't give their consent, it's morally wrong to alter their consciousness.

Veterinarian Doug Kramer, the inventor of all-natural, rapid-dissolve strips for administering therapeutic herbs to pets, is now weighing in. He tells *Vice* magazine that after he “dosed” his dog Nikita, who was suffering from terminal cancer, she was up and around and enjoying a better quality of life throughout her final days.

Kramer also says that pot can induce the munchies in ailing cats. Felines—who are often finicky about food when they're sick—respond favorably to the appetite stimulus that pot provides. Kramer notes that animals with cannabinoid receptors are capable of benefiting from the effects of THC.

But don't expect Rover to share that joint with you—and never blow smoke in his face! Pets in need of med-pot should ingest cannabis in the form of a tincture or in food cooked in canna-butter or oil.

Poppies vs. Pot

In Mexico, poppy production—the plant that supplies the base for heroin—is rapidly supplanting cannabis, according to Fox News Latino and the investigative website *Animal Politico*. In 2012, anti-drug enforcement actions in Mexico destroyed 40 percent more poppy plants nationwide than pot plants, according to the Mexican defense ministry.

The ascendancy of poppy fields in Mexico started five years ago, and it isn't limited to just one section of the country: It's a trend that runs north to Chihuahua and south to the Yucatan.

One big factor for this shift is the fact that legal marijuana in the US has led to a reduction in demand for Mexican pot (long regarded as inferior to domestic bud anyway). But the darker side of the trend is an apparent increase in the US demand for heroin—a thirst that ruthless Mexican drug cartels are eager to quench, especially given their losses in black-market pot sales. Though Mexican cartels account for only 7 percent of the world's heroin, their smack is primarily mainlined right into the arms of their addicted neighbors to the north.



We Got the Numbers!

A majority of Americans now support legal recreational marijuana. According to an April survey conducted by the Pew Research Center, a record 52 percent of the 1,501 adults polled nationwide agreed that pot should be legal, with only 45 percent opposed. That represents an impressive 11 percent across-the-board spike in support since 2010.

More men (57 percent) than women (48 percent) currently favor legalized cannabis, partly because more men (54 percent) than women (42 percent) have smoked pot, with 48 percent of all respondents confirming that they've tried cannabis at least once. An overwhelming 72 percent of everyone polled agreed that the enforcement of anti-pot laws isn't worth the cost. Furthermore, 60 percent of respondents said they want the Feds to back off any state that has legalized pot.

Reefer Relief

When pitted against conventional anti-nausea drugs, “marijuana wins hands down.” So says Dr. Phillip Leveque, who helped to craft Oregon’s 1998 medical marijuana law and, at age 90, remains a tireless advocate for the medicinal use of pot. A World War II veteran who served under Gen. George S. Patton, Dr. Leveque still suffers from post-traumatic stress disorder nearly 70 years after the war, rendering him particularly well qualified to treat modern-day soldiers suffering from PTSD.

A doctor of pharmacology, Leveque possesses a unique perspective when it comes to contrasting the efficacy of medical pot against the drugs peddled by Big Pharma, which he detailed in a recent op-ed piece for the *Salem News*. Specifically, Dr. Leveque compared med-pot’s prowess as an anti-emetic drug to the most widely used anti-nausea pharmaceuticals, such as Compazine, which was originally developed as an anti-psychotic medication. Unfortunately, Compazine has nasty side effects that strike the central nervous system, such as pseudo-Parkinson’s disease (which may not be as bad as the real thing, but trust us—you do not want it).

Dr. Leveque’s experience and research have also led him to recommend medical pot over the legal prescription drug Marinol, which is made from synthetic THC and lacks the across-the-board effectiveness that pure pot possesses. Because edible pot products like brownies aren’t always a viable option for treating people with severe nausea, Dr. Leveque concludes that the inhalation of cannabis is the “best, safest and fastest” method for those seeking nausea relief.



McAdams deals with insomnia.

A Dose of Rachel

From now on, we’re shopping where Rachel McAdams buys her groceries! The Canadian actress was on *Jimmy Kimmel Live!* and recounted her recent experience with medical pot.

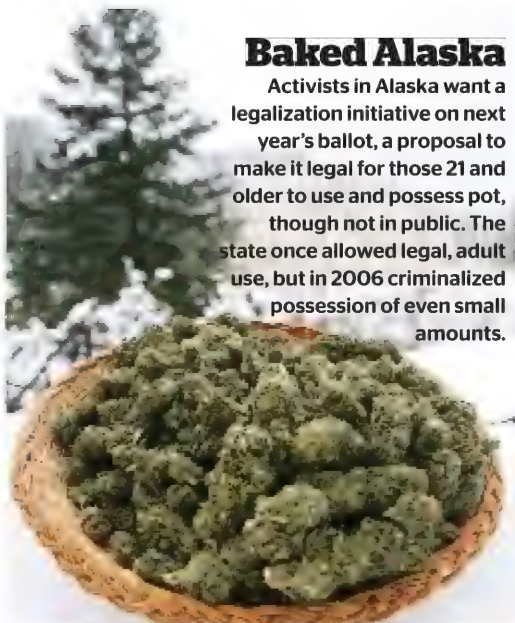
She was shopping in her local Toronto grocery and told a worker she was having trouble sleeping. He promptly produced an unlabeled bottle containing a “dark green substance”—most likely a tincture. McAdams took a whiff and realized it was marijuana. She was assured that it wouldn’t get her high. Since she was “pretty desperate” to catch a good night’s sleep, she took the “tiniest teaspoon” before hitting the sack.

Um, Rachel? You don’t take a teaspoon of tincture.

She recounted her experience thusly: “I was hallucinating. I wasn’t thinking normal human thoughts.” In fact, she says, she heard a guy singing opera for five straight hours!

The next day, McAdams confronted her grocer, who was perplexed that the medicine didn’t put her to sleep. That’s when she looked closely into his eyes and deduced that he was a “stoner.”

Oh, no—not one of those! Whoever could have expected that someone offering a sleep aid that smelled like marijuana might possibly be a stoner? Though, really, if you’re a well-paid movie star, why would you rely on someone working in a grocery store for medical advice in the first place?



Baked Alaska

Activists in Alaska want a legalization initiative on next year’s ballot, a proposal to make it legal for those 21 and older to use and possess pot, though not in public. The state once allowed legal, adult use, but in 2006 criminalized possession of even small amounts.

It Hurts to Laugh

At the annual White House Correspondent’s Dinner in April, President Obama once again demonstrated that he’s completely out of touch with pot politics. Traditionally, the Prez yuks it up at the event. In his speech, Obama joked: “The media landscape is changing so rapidly. You can’t keep up with it. I mean, I remember when *BuzzFeed* was just something I did in college around 2 a.m.”

You’d think that someone who prides himself on his sensitivity would be a bit classier. Pot arrests continue unabated—ruining lives—and patients can’t access medicine.

Here’s a thought, Mr. President: If you’d been busted for pot back in college, you wouldn’t be President today.

Funny, huh?

Hail Maryland!

On May 2, Maryland became the 19th state to approve a medical marijuana program when Governor Martin O’Malley signed the measure. The bill allows academic medical research centers to establish programs to dispense marijuana to sick patients. Unfortunately, the state bureaucracy predicts that it won’t be able to have the program operating until 2016. Additionally, advocates are none too happy with the bill’s guidelines: A participating medical center will be required to specify the medical conditions it would treat and the criteria by which patients would be allowed to participate. A medical center also will have to provide the state health department data on patients and caregivers on a daily basis. Furthermore, the department will be required to make the data available to law enforcement. Wouldn’t it be nice if lawmakers would stop treating cannabis as if it were radioactive?



HIGHWIRE

Dispatches from the international drug war. *By Bill Weinberg***China: Drug Lord's Execution Sparks Dissent**

Accused Burmese drug lord Naw Kham was executed in China on March 1 along with three of his accomplices for the murder of 13 Chinese merchant sailors on the Mekong River in 2011. The executions were carried out by a court in Kunming in Yunnan Province.

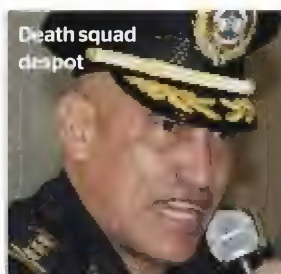
A Chinese public security official told the daily *Global Times* that Beijing had considered but rejected using a drone strike to kill Naw Kham after his hideout was discovered in Burma's northern mountains. Southeast Asian media have suggested that the massacre of the Chinese merchant ship's crew may have been related to a dispute over methamphetamine smuggling routes.

Honduras: US "Drug War" Aid Linked to Death Squad

Officially, US State Department aid to the Honduran National Police must bypass units under the direct supervision of the force's overall commander, Director General Juan Carlos Bonilla (a.k.a. "El Tigre"), who in 2002 was accused of three extrajudicial killings and links to 11 more deaths and disappearances in so-called "social cleansing" operations. Bonilla was tried on one of those killings and acquitted; the

**Cannabis Cannon Discovered in Mexicali**

Police in the border city of Mexicali on February 27 announced the discovery of a powerful improvised cannon used to blast packets of marijuana across the border fence into California. Police told Mexico's *Televisa* network that the device consisted of a plastic pipe and a metal tank that used compressed air from the engine of an old car. The apparatus fired cannabis-packed cylinders weighing up to 13 kilos, police said. It was confiscated after US officers informed Mexican police that they had found a large number of drug packages that appeared to have been fired over the border. This is not the first projectile device used by dope smugglers; a cannabis catapult was found on the Arizona border in January 2011.



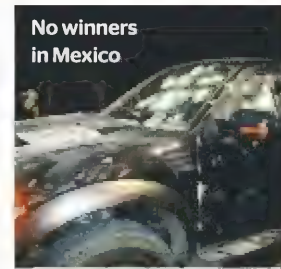
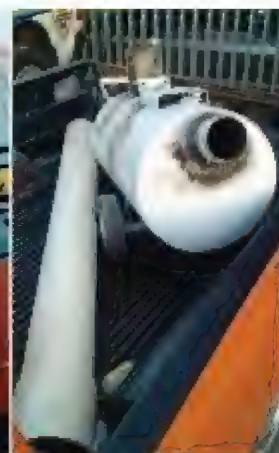
other cases were never fully investigated. But an report by the Associated Press, based on interviews with unnamed Honduran officials, found that all of the country's police units are actually under Bonilla's direction. Speaking on the record was Celso Alvarado, a criminal law professor and consultant to the Honduran Commission for Security and Justice Sector Reform. "Every police officer in Honduras, regardless of their specific functions, is under the hierarchy and obedience of the director general," he said.

Mexico: The Drug War Continues—and So Does the Mayhem

On March 11, a ferocious three-hour gun battle erupted in the streets of

Reynosa, Tamaulipas, just across the Mexican border from Hidalgo, TX, between rival narco factions armed with automatic weapons and grenades. Authorities were absent for most of the shoot-out, which left some three dozen gunmen and two bystanders dead—one just a teen. An exact death toll was elusive, as cartel gunmen collected their own dead during the battle. On March 16, five days later, another fierce gun battle claimed five more lives in Reynosa, according to Tamaulipas state authorities. The firefight came just one day after Mexican federal police found five tons of marijuana, 370 pounds of crystal methamphetamine and a large weapons cache in underground bunkers in Reynosa—including 20 rifles, 10 bulletproof vests, a gas grenade, 20 uniforms, radios and tire spikes.

While the gun battles soon became common knowledge through social media, Mexico's



mainstream news organizations have remained mum about them, apparently intimidated by the cartels—and perhaps by the Mexican government.

A Wave of Barroom Balaceras

Seven people were killed on March 29 when a masked gunman in a bulletproof vest and black uniform opened fire with an AK-47 in a bar in the commercial center of Chihuahua City in northern Mexico. Three of the dead were women who worked at the bar. The city has seen a wave of violence as the Juárez and Sinaloa cartels battle for control of the strategic corridor leading to the border town of Ciudad Juárez, immediately up the highway to the north.

Strange Deaths in Michoacán

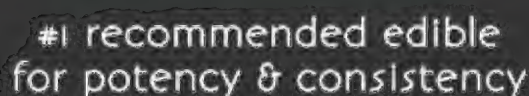
In a mysterious incident on March 16, local drug lord Dionisio Loya Plan-carte (a.k.a. "El Tío") was killed by army troops near the Michoacán town of Apatzingán. Five soldiers were also killed in the shoot-out with El Tío's men, according to local reports—but Mexico's federal government has been unusually silent on the matter. The killing of El Tío is being portrayed in the local press as retaliation for the disappearance of three members of Mexico's elite presidential guard, the *Estado Mayor Presidencial*, while on an unnamed mission in Apatzingán. El Tío had been at various times a leader of both of Michoacán's warring narco factions, *La Familia* and the *Knights Templar*.

Los Zetas Diversify Their Portfolio

Authorities in Mexico's coal-producing northern state of Coahuila say that the notorious Zetas, bloodiest of the country's warring cartels, have taken over much of the mining industry. Former Coahuila governor Humberto Moreira said the Zetas are expanding their control over the state's mines, both legal and illegal. "They discover a mine, extract the coal, sell it at \$30 and pay the miners a miserable salary," he told Al Jazeera. "It's more lucrative than selling drugs." ✱

For updates on these and other stories, see Bill Weinberg's websites, GlobalGanjaReport.com and WorldWar4Report.com.

Cheeba Chews™
Est. 2009



THE

THE ULTIMATE
VAPORIZING MACHINE

VAPEXHALE

CLOUD



Receive 4 extra EZ Load
Bowls with your next order.
Enter in the coupon code:
HTVXC when you check out.

// Not valid with any other offer. //





Who you calling Stoopid? Miles and Kyle (right) are all about the bong hits.

"We have the godfathers of the marijuana movement between Cypress Hill and *High Times*."



Hot Box the Rocks

Backstage with Slightly Stoopid on 4/20. By Jen Bernstein

Miles and Kyle sat down with *High Times* on the ultimate stoner holiday before the most epic of shows to talk favorite strains, legalization and the pot economy.

It's so awesome to be here with you guys on 4/20. How's it been so far?

Miles: I've been stallin' out smoking weed just 'cause I gotta sing in two hours and there's so much good bud...it's been the hardest day of my life! My morning started with someone dropping me off a QP and I couldn't smoke it.

I've got some edibles, y'know, so it doesn't affect your voice?

Miles: No, I don't eat bud, I smoke bud! That's the whole thing for us. I love smoking a bong.

Kyle: Yeah, we're so used to smokin' it that when we eat it, it just fucking turns us into a statue. Dude, have you seen our backstage right now? It's fucking gnarly. You can't hardly breathe, there's nothing left to drink, nowhere to sit and the whole place is hot boxed.

Miles: I believe it is the 4/20 hot box day, right, so...

It is! Happy 420 hot box. What an amazing day we're getting to celebrate.

Kyle: It's good to be out here with *High Times* so... can't complain.

Thanks. We're fans!

Kyle: It's always good. What's nice is that we have the godfathers of the marijuana movement between Cypress Hill and *High Times*,

you know what I'm sayin? We're the supporters too, so putting Stoopid and Cypress together, for me it's great.

Yeah, it's the ultimate 4/20 party. And legal! How's it feel different than California?

Miles: It should be this way everywhere, honestly. Obama supports it and that's where it should start.

Kyle: It also cycles out. I mean, as the youth get older, the old people cycle out. It's just like skateboarding. Back in the day we'd get busted for fucking skateboarding and now everyone encourages their kids to go skateboarding. Would you rather have your kids skateboarding or out fucking joining a gang? So now it's like skateboarding is a huge part of society, same thing with weed.

It's great for the economy.

Kyle: It's good for everything!

Miles: Look at all the

school programs they cut because of financial ruin in our country and what the government spends. You could generate so much tax dollars where we're not dumbing our children down because the first thing we cut in this country is what? Education. The high school I coach at, they eliminated the arts program. No more graphic arts, no more wood shop. That stuff is gone.

I know you guys have to get out on stage soon, so quick, tell me your favorite strains?

Kyle: The OG Kush is the bomb. Wet Dreams. Banana Kush. Bull Rider.

Miles: Yeah, the old-school Bull Rider. I haven't seen the old-school Bull Rider in a long time. Granddaddy Purps. Blueberry Kush.

Kyle: Albert Walker. I like Grapefruit... the sweet *sativas* that taste like oranges. 🌿

Hear more of Stoopid's interview with Jen at hightimes.com/stoopid420.



Our new Miss High Times 2013 Yvette, flanked by Miss HT 2011 Clazina (left) and 2012 Emily (right).



Passing the Torch

Miss High Times 2013 is crowned in Denver. *By Bobby Black*

A hearty congratulations to our first ever Latina Miss High Times Yvette Marie Ramirez! Our former Miss November 2012 joined four of her fellow finalists on stage at the U.S. Cannabis Cup awards show in Denver, where her predecessors Emily (Miss HT 2012) and Clazina (2011) passed down the crown and sash to our lovely new beauty queen.

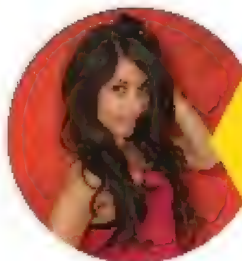
"I was shocked," says Yvette. "It still feels unreal."

Originally from Santa Barbara (now living near Sacramento), this petite Mexican American hottie describes herself as a "typical Cali girl" who loves skateboarding, camping, hiking and headbanging to hard rock and heavy metal. She's also a dancer and promotional model who has appeared in more than a few photo shoots and music videos. More importantly, she wears her love for maryjane on her sleeve—or rather, her right hip, where she sports a rather large pot leaf tattoo. What's more, for the past five years she's run her own small-scale grow, the fruits of which she supplies to a local dispensary.

"I love watching my babies grow in my garden—it's a very satisfying feeling," she says. "I decided to enter the Miss High Times contest to show everyone that I'm not just another model or actress—I'm also a farmer, and I don't care if people see what I love doing."

Yvette has attended several legalization rallies in Northern Cali, as well as the last four of our domestic Cannabis Cups. Now that she's our official smokesmodel, she'll also get to experience our European event as well: along with the crown and sash, she's won a free trip to Amsterdam this November, where she'll get to be a celebrity judge at our 26th Cannabis Cup.

"I'm really looking forward to living up to all of my Miss High Times duties and of course going to Amsterdam," she gushes. "Thank you for giving me this killer opportunity ... I will make you all proud!" 🌿



Peruse some of Yvette's sexiest shots at hightimes.com/missh2013



Working at our last LA Medical Cannabis Cup.

MISS HIGH TIMES 2013 VITAL STATS:

- Age: 26; Height: 5'3", Weight: 104 lbs.
- Measurements: 34", 26", 28"
- Favorite strains: Girl Scout Cookies, Trainwreck
- Has starred in videos for Richard The Rock Star, Real One, Promize and Edgar Winston
- Named Sacramento Hempfest Princess 2012



f /zobglass

FUTURISTIC.
PERCOLATION.
SCIENTIFIC.
FABRICATION.

zob

Made in the USA.
Intended for tobacco use.

AVAILABLE AT
AQUA LAB
TECHNOLOGIES.COM
and other Fine Retailers



f /hvyglass



All product proudly made in the U.S. and is intended for tobacco use.

A Gangster and a Gentleman



“If you want to know something about me and my music: My pen and my paper is weed.”

my homie Poobs—you hear me shoutin’ out to him on the mixtapes all the time—are working together on a couple of scripts. You’ll be hearing from me sooner or later.

Wanna shout out to our readers?

I just want to tell them I’m a fuckin’ pothead. I think that as potheads, as stoners, we have

an understanding about each other and a way of life. Personally, weed keeps me calm, keeps me cool, it’s what helps keep me level. So if you’re not a stoner, you’re not going to like *Float* anyway. But whether you love it or you like it or you don’t, just respect it as a stoner. We’ve gotta support other potheads, because we’re the greatest people in the world.

If you want to know something about me and my music: My pen and my paper is weed. So when you hear my music and you hear *Float*, understand that it’s the weed that mixes with my chemical energy which gives you the product that comes forth.

I’m just another pothead in the world tryin’ to get by. Roll that shit. Light that shit. Smoke it. ✨

High Styles

Float, the latest album by Styles P, dropped on 4/16. But as far as Styles is considered, the release party happened on 4/20, which included a trip to the first High Times US Cannabis Cup in Colorado. In case you haven’t guessed, Styles P is a true stoner’s rapper: His mixtapes and albums are gritty, grimy, high as a kite and packed with beast NYC beats. *Float*, produced entirely by Scram Jones, is all of that and a bag of dank—especially since the label was High Times Records, in conjunction with Nature Sounds. *HT* caught up with Styles P before his New York City release show, which was dope all around. *By Mary Ought Six*

Welcome to High Times Records—about time, huh?

This is my first project with High Times Records, and I don’t know why! Me being a high person, I’ve always loved *High Times* ... but I think everything happens for a reason, and God has His own time. I’m here now, and it’s a great thing. I’m a super-pot-head. I love *High Times*, and I love weed.

So what’s next?

Next it’s the LOX project, and I’m working on my second novel.

Great! I need to read *Invincible*!

Yes, you do!

Any hints about the second book?

It’s fiction. I don’t write that life shit, autobiography about hip-hop and all that. I’m a pothead, so I like to be creative and think of crazy shit—but I won’t tell you what, though, ’cause I’m only halfway through. *[Laughs.]*

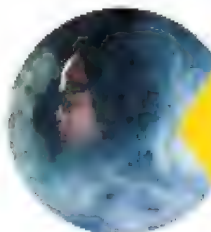
Did writing fiction spawn from writing lyrics?

I don’t *write* lyrics ... I can’t *write* lyrics. I’ve always

been used to just keepin’ it in my brain and singin’ it. When I wrote the book, it was actually really difficult, because I’m not used to writing.

What inspired you?

I’ve always wanted to be a writer, to produce films also—that’s the trifecta I want to complete. Right now, me and



“I Need Weed!” (Styles P’s top 5 strains):

Girl Scout Cookies - When I wanna relax and think.
OG Kush - For when I’m chillin’ & lounging.
NY Sour Diesel - When I’m in zone-out work mode.
Haze - For a heavy and thoughtful need-to-rest high.
Jack Herer - To mellow it all out.

NEW AND IMPROVED:
WEBSITE
PRODUCTS
TECHNOLOGY
EXPERIENCE



SCAN ME

WIN THIS
HPS LIGHT KIT
ON HIDHut.com



GROWING
QUESTIONS?

Only at **HIDHut.com**



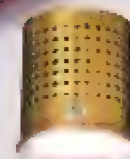
LED UFO
\$399.99



LED Comet 150
\$149.99



LED Mothership
\$1299.99



LED Comet 400
\$349.99



LED Supernova
\$899.99



Digital Ballasts
\$59.99



Drying Racks
\$34.99



Bubble Easy Machines
\$149.99



Grow Tents
\$99.99



HPS/MH light Kits
\$99.99



Cannon Fans
\$99.99



Reflective Films
\$9.99



Bubble Easy Bags
\$49.99



HPS/MH Bulbs
\$19.99



Whisper Fans
\$9.99



Cannon Filters
\$49.99



Reflectors
\$24.99



Purchase all your gardening supplies and more at **HIDHut.com**
or call (866) 678-8565 for product details and your free brochure.

FOR COUPONS, GIVE-AWAYS, CONTESTS, TIPS, ADVICE AND MORE: [Facebook.com/HIDHUTINC](https://www.facebook.com/HIDHUTINC)

The symbol represents the advertised price as the starting price of the shown product genre. Prices may increase based on the product type, model and/or brand.



Alfalfa Sprouts and Mashed Yeast

The salad days of a hippie cult.

As usual, Woody Allen—the Mahatma of Midwood, Brooklyn—reveals Great Truth. In a scene from his classic *Annie Hall*, Allen's character is at the Source, a vegetarian restaurant in the sun-soaked capital of crap called Los Angeles, and orders “alfalfa sprouts and mashed yeast” with a grimace. The Source was a popular spot on the Sunset Strip in the '70s, and *The Source Family* tells the tale of Jim Baker, a.k.a. Father Yod, the restaurant's owner and guru to the cult of young hippies who staffed the joint.

Baker was a charismatic, 6-foot-4 hipster/con man who killed two men stateside with judo chops (and possibly one bullet). After amassing cash by robbing banks, he became a wealthy restaurateur. By the 1960s, the fortysomething Baker was holding meditation classes for his wait staff. Eventually, they all moved in together and started referring to Baker as “Father.”

Many of the young 'uns—surprise!—were from dysfunctional homes and, according to photog Ron Raffaelli, became “automatons, robotic” via Father Yod's recycled religiosity and ritually dispensed sacred herb. Baker recorded a whopping 65 albums with his rock band Ya Ho Wha 13. To Baker's wife's shock, he also mated with other hippie chicklets, collecting 14 simultaneous supplicating squaws. “It's a game,” he instructed. “Play it.”

Eventually, the racket fell apart when everybody flew to Hawaii, and Baker—in a moment of clarity—realized that “I'm not God, I'm just a man.” Two years after he was mortally wounded hang-gliding, the Source Family grew up and out in 1977. To be fair, interviews with aging Source-ers show that many of them believe they lived through a profoundly positive experience. Either way, filmmakers Demopoulos and Wille let the final judgment reside in the eye of the beholder—to coin another Great Truth.

Michael Simmons

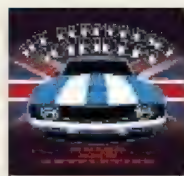


The Source Family

Produced and directed by Maria Demopoulos and Jodi Wille

(Drag City Film Distribution/Gravitas Pictures-VOD)

MUSIC RECOMMENDATIONS



The Bermondsey Joyriders
Noise and Revolution
(Fuel)

“I can't get no satisfaction / Talkin' 'bout my generation,” sing these Brits in “Right Now.” The familiarity is intentional: The Bermondsey Joyriders are veteran punk-rockers who howl with the energy—and pronounced limey phrasing—of the Sex Pistols. With ties to Strummer,

Generation X and Johnny Thunders, their pedigree is distinguished. Performance poet and MC5 manager John Sinclair is also on hand to thread together these two-minute anti-property-developer/piss-on-politicos manifestos in deep Detroitese, adding both wit and gravitas. *Michael Simmons*



Greys
Drift
(Kind of Like Records)

Though their name and EP title suggest the misty and ethereal, Toronto quartet Greys jack out stormy, downtuned, mathy rock that's alternately blazing and plodding (like staggering through mud on a forced march in a faraway country). The band's sound harks back to Drive Like Jehu, Rapeman, and

other post-hardcore stalwarts of the late '80s and early '90s, but the vitriolic vocals (which take the opening track, “Carjack,” to 11) and streamlined sound (stop-start guitars riding even with a thundering rhythm section) place them squarely in the modern age of post-digital angst. *Polly Watson*



Singe/Dank Mob
Bag of Weed
(Rehab Labb)

It's hard to say if our friend Singe likes gushy pussy, sticky weed, automatic guns or the Bay Area of Cali the best—but whichever one it is, he's always on the green. With smooth beastly beats, cool rhymes, and lyrics that range from Iraqi firefights and fallen soldiers to sexy parties and

gettin' fucked up, Singe burns through his tracks with a signature West Coast rap style reminiscent of Ice Cube and Tupac. This latest album is great for cruisin', blazin', fuckin' and fightin', all wrapped up like a big ol' blunt, ready to go straight to your noggin and keep it bobbin'. *Mary Ought Six*

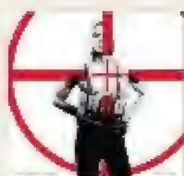


Akron/Family
Sub Verses
(Dead Oceans Records)

Yet another evolution awaits art-roots trio Akron/Family on their sixth album. Prior iterations have sampled acid folk and avant rock. While elements of each remain, *Sub Verses* primarily explores dreamy yet dramatic prog-psych. The 10 tracks lull you in and bubble beneath the surface with activity.

The highlight here is “Sand Time,” which suggests Adrian Belew undergoing brain-salad surgery as they sing, “You can borrow money, but you can't borrow time.” The album's a cavernous grower that moves like the shimmying raga accompanying a fiery late-night desert ritual.

Chris Parker



Iggy and the Stooges
Ready to Die
(Fat Possum Records)

After the original Stooges guitarist Ron Asheton died in 2009, Iggy recruited the only man who could possibly fill his shoes: James Williamson, axman on the seminal 1973 punk masterpiece *Raw Power*. Opener “Burn” recalls that album's heavy crooner “Gimme Danger,” and it sure is nice to

hear Williamson again after his retirement from music in the late '70s. There are some good riffs on this, and while nothing approaches “Search and Destroy,” Iggy fans will relish the chance to hear this lineup one more time. Me? I'm more looking forward to catching this line up live. *Chris Simunek*

GROW MORE FOR LESS

BY HYDROPONICSGROUP.COM



THE GODFATHER

The largest grow systems on the market

77" wide,

6'5 tall,

47" deep

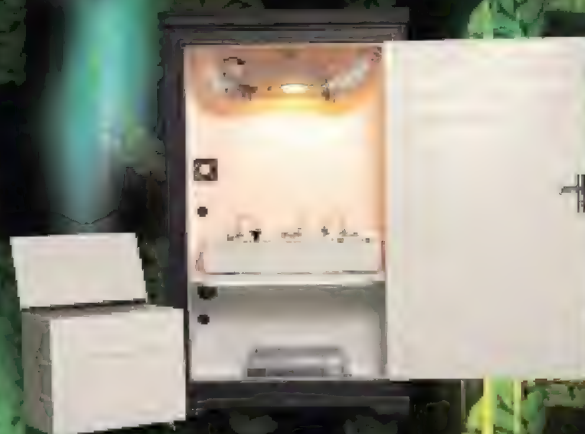
170 cubic feet of grow area

Starting at \$ 4399



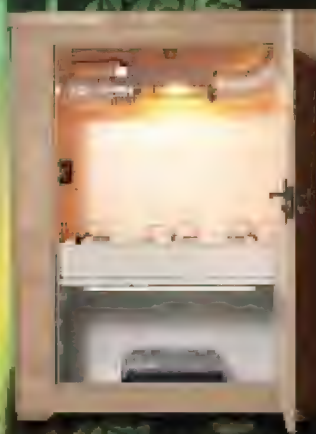
Budster

36" wide, 6'5 tall, 30" deep
50 cubic feet of grow area
Starting at \$1695



Bud Buddy w/ Master Controller

47" wide, 6'5 tall, 30" deep
62 cubic feet of grow area
Starting at \$ 2299



Grow Daddy

57" wide, 6'5 tall, 30" deep
77 cubic feet of grow area
Starting at \$ 3100

We have a SYSTEM for ANY budget. Order online or CALL TODAY !!!!
HydroponicsGroup.com 800 850 6360

TONES
PRE-ROLLED PAPERS

THE ULTIMATE PRE-ROLLED TOOLS FOR YOUR DISPENSERY

- ✓ APPROVED BY COFFEE SHOPS ALL OVER AMSTERDAM AND HOLLAND.
- ✓ QUIET AND SIMPLE TO HANDLE.
- ✓ 60 PRE-ROLLED READY IN 20 MINUTES.
- ✓ FAMOUS IN AMSTERDAM SINCE 1999.
- ✓ OVER 2,000 UNITS SOLD IN THE NETHERLANDS.

FOR 60 PCS. KING SIZE OR 60 PCS. 1 1/4 SMALL SIZE

NEW IN USA

FOR 18 PCS. KING SIZE OR 18 PCS. 1 1/4 SMALL SIZE

INFORMATION: INFO@MOUNTAINHIGH.NL or +31 653 1996 72



MUNCHIES

Dixon's Doozies Tasty meds for pain.

This month, we have a very special treat: A good friend of the magazine, activist and cannabis baker Louie Dixon Jr., has shared one of his potent medical pot recipes with us. These cookies are simple and sweet, and they're guaranteed to knock your pain, nausea or appetite loss right out the window. Plus they're made from his beloved Aunt Carol's recipe, passed along to his mother and then to Louie Jr. himself, who modified it for us stoners all the way back in the '70s. Yep, he's a pro.

Like many of our favorite peeps, Louie spent a good deal of his life in the fast lane, until a drunk driver caused

the motorcycle accident that changed his life forever. Despite back surgery, liver-consuming meds and a subsequent cancer diagnosis, Lou Dawg's still going strong and sharing his secrets with us. And he's garnered some great tips along the way—which only makes sense, since in 1997 he joined us for our annual High Times Cannabis Cup in Amsterdam and didn't come back for a year, soaking up as much healing power and knowledge as he could during his time there. "I'd gotten so much healthier!" Louie proclaims.

Which isn't to say that life became easy. Still struggling with all of the aforementioned ailments, Louie has trouble keeping on weight while working as a bricklayer, and he also has personal battles we can all relate to. So when you make these wonderful cookies, bake them with love: They are for counting blessings, appreciating what we have in life despite our pains and travails, and recognizing that struggle brings strength and that strong pot cookies bring healing.

Mary Ought Six

DIXON'S DOOZIES

1 cup butter (4 sticks, unsalted)
1/2 oz. crushed bud and high-grade cannabis trim
4 cups water
2 1/4 cups flour
1/4 tsp. salt
3/4 cup walnuts, finely ground
1/2 cup confectioner's sugar (set aside for last step)
1 tsp. vanilla

For this recipe, we're going to use Louie's tried-and-true Dutch oven method. Combine the butter and water and bring them to a simmer, never letting them reach a boil. When the butter is melted, add the cannabis and cook for two to three hours over low heat. You can adjust the potency of the butter by adding kief to the mix while cooking. Keep the mixture covered with the Dutch oven lid and then place in the fridge to cool completely.

The medicated butter will float to the top as it hardens, and there's no need to squeeze it through cheesecloth, as the plant matter will stay in the water at the bottom.

Make sure the butter is completely hard and rinse off any excess greenery with cold water. Now let the butter soften on the counter a bit for ease of use.

Next, preheat the oven to 400°F. Mix all of the dry ingredients and add the butter and vanilla. Form the dough into balls roughly three-quarters the size of a golf ball and place on a nonstick baking sheet. Bake at 400°F for 12 to 15 minutes. While still warm, roll the cookies in confectioner's sugar once, then again. *Rx: 20 mega medi-balls.*

www.drgreenthumb.com

Unique, high-potency genetics, available nowhere else. Home of the super-potent Endless Sky

Other fine strains include: Bubba Kush, Trainwreck, Cindy 99, Columbian Skies, Iranian Autoflower, U.K. Cheese, Chemdawg, Chemdawg G13, OG Kush

ALL OF OUR FEMINIZED SEEDS ARE GUARANTEED 100% FEMALE.

On Sale until September 2013

Sour Diesel

ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES
PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

For a catalog, including a \$10 off coupon, send \$5 to:
RWJ, Box 37085, Ottawa, ON, K1V0W9, Canada

Free world-wide shipping. Express shipping available
Information or phone orders call: 613-330-2404

"best stealth shipping in the business"

Trusted since 1996

VancouverSeed.Com

World Class Genetics
Award Winning Breeds

mail order seeds @ www.vancouverseed.com

VSCC



420



Lady Liberty



GSPOT



Burmese



Blackberry



Gold



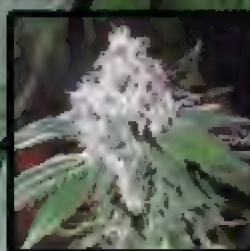
Fucking Incredible



Mother



British Columbian



Kat

10 Seeds	VISC	Per Pack
Vancouver Island Seed Company		
420	\$60
1.3G	\$80
B-Bud	\$75
Beaster	\$100
Bitch	\$65
Black Velvet	\$75
Blackberry	\$85
BlackBurmese	\$90
British Columbian	\$75
Bud Lite	\$62
Burmese	\$85
Burmaberry	\$85
Bush Bud	\$62
Canadian	\$80

FUCKING INCREDIBLE High Times Top 10 Strains 2008

Che	.....	\$75
Copperhead	.....	\$75
Dubble Bubble	.....	\$75
Eve	.....	\$75
Fucking Incredible	...	\$140
Gold	.....	\$75
GSPOT	.....	\$105
Indigo	.....	\$80
Jinn	.....	\$85
Kat	.....	\$85
KGB	.....	\$62
Midnight	.....	\$75
Mystic	.....	\$85
Nuclear	.....	\$85
Olympic	.....	\$62
Passionfruit	.....	\$85
Ripper	.....	\$85
Rx	.....	\$75
Sin	.....	\$75

The Legend of the BURMESE See High Times January 2009

Sweet	.....	\$75
The Producer	.....	\$100
THC	.....	\$75
Titanium	.....	\$75
Vertigo	.....	\$75
Virgin	.....	\$62
WMD	.....	\$70
WOWWeed	.....	\$100
VISC Mix	.....	\$50



Liberty Seeds		
Mother	.....	\$70
Stealth	.....	\$75
Lady Liberty	.....	\$85
Infinity	.....	\$65
Justice	.....	\$70

GSPOT High Times Top 10 Strains of 2009

Read about VISC's Induction into The Seed Bank HALL OF FAME in the August 2009 issue of High Times

Complete this form, or on a separate paper, include the product name, quantity, item price and order total. Send along with payment in the form of CASH or BLANK Money Order to:

V.M.H.
PO Box 298 - Station A
Nanaimo, BC Canada
V9R 5K9

Include \$7.00 Shipping & Handling - (Add \$15 for Rush Orders)

We ship World Wide Discreetly!

Product Name	Quantity	Subtotal	Total

Name _____ Subtotal _____
 Address _____ Rush _____
 City _____ Province _____ S&H \$ 7.00
 Postal _____ Country _____ TOTAL _____
☐ Include \$10 for Photo Catalogue CD.

Pot-pourri Special
VISC Mix with each Order
That's TEN Free Seeds!

Acquisition of live cannabis seeds is illegal in the United States. Cannabis growers and consumers are one of the largest unrepresented blocks of voters in the world. This can change. We can end the persecution of innocent people, have more affordable Marijuana and a more peaceful world; if we stand on our ground and demand it. De-criminalize Cannabis and instead of spending our tax dollars destroying lives, money could be spent funding our schools and hospitals or used to reduce our debts. Legalize and tax Marijuana and the income generated can change our world. Grow and help the world grow too.

Medical Strain of the Month

Girl Scout Cookies can now be enjoyed all year long!



Girl Scout Cookies

I want to begin this column with a very important public service announcement for all of the hardworking and heroic cannabis breeders of the world—a simple bit of advice that could have a huge impact on your future prospects as we approach a bright green future of full marijuana legalization:

Please don't name your strains after a trademarked product!

After all, when Wall Street finally decides to break open its gold-plated checkbook and start buying up every high-quality pot strain in sight, those of you who have braved the black market and done the hard, often underappreciated work of creating new marijuana varieties should be poised to cash in big time, or at least listen to a really impressive offer before telling the guys in the expensive suits and ties to go fuck themselves.

Except for one problem: That amazing hybrid of *indica* and *sativa* you bred by brushing pollen from your strongest male carefully onto the resinous flowers of your finest female now carries a moniker like Luke Skywalker, Charlie Sheen OG or Lucky Charms. (And don't even get me started on Green Crack!)

Suddenly, it doesn't matter how much THC and CBD your

strain produces when lovingly grown by a master cultivator—let alone the delicate blend of terpenes and flavonoids that gives it a powerful, pleasing aroma and taste—because no product named after an already established trademark or copyrighted work will ever make it to market. (At least not until after those Wall Street guys cut you out of the loop entirely and just rename the plant something corporate and stupid.)

Naturally, none of the above in any way detracts from the joy and relief the strain currently known as Girl Scout Cookies already provides to patients and puffers alike. Hailing from The Hemp Center in San Francisco, Girl Scout Cookies boasts the kind of lineage—(OG Kush x Durban Poison x Cherry Kush) x OG Kush—that allows her to make her own friends. Clone only, and requiring up to 70 days to flower, the strain's perhaps misguided name undoubtedly stems from the hints of vanilla and mint amid its powerful citrus Kush blast.

So don't let the inevitable future "cease and desist" letter from Girl Scouts of the USA stop you from sampling one of the hottest new West Coast strains of the last few years while it's still around under its current name. 🌿

PHAT TÜBZ

When quality matters!

www.PhatTübz.com

For Online Sales Visit:

www.PhatmanzAlley.com

PHAT TÜBZ EXCEPTIONAL RETAILER OF THE MONTH

GRANDMA SLACKERS

2620 W. JACKSON AVE OXFORD, MS 38655



Bring in this ad to receive 10% off
your next PhatTübz!

www.GRANDMASLACKERS.WEEBLY.com

ALL IT TAKES IS JUST ONE TOUCH

WE ARE PLEASED TO OFFER THE FIRST TOUCH ACTIVATED SYNTHETIC URINARY DEVICE
VERY QUIET, FAST-ACTING, WARM SYNTHETIC URINE INSTANTLY

THE WHIZZINATOR Touch!

EVERYTHING YOU NEED IN EVERY KIT!

1 WHIZZINATOR TOUCH!

4 HEAT PADS

1 INSTRUCTION MANUAL

OVER 4 OZ OF SYNTHETIC URINE

INEXPENSIVE REFILLS

DISCREET SHIPPING

1 SYRINGE

MEDICAL GRADE SYNTHETIC URINE. QUALITY GUARANTEED.

WHIZZ KIT



**1 REFILLABLE URINE KIT - 2 HEAT PADS
OVER 3 OZ OF PREMIX SYNTHETICAL URINE
1 SYRINGE - 1 SET OF INSTRUCTIONS**

GOLDEN FLASK



**ONE PREMIXED PERSONAL GOLDEN FLASK
OVER 4 OZ OF SYNTHETIC URINE
1 HEAT PAD - 1 SET OF INSTRUCTIONS**

CALL US TODAY FOR OVERNIGHT SHIPPING RATES!

Se Habla Español

888-895-7016

Discreet Packaging

www.theALSshop.com



ALS

A.L.S. PRODUCTS ARE NOT INTENDED FOR ANY ILLEGAL PURPOSES. FOLLOW ALL STATE AND FEDERAL LAWS WHILE USING A.L.S. PRODUCTS. ALL PRODUCTS ARE INTENDED AS A NOVELTY ITEMS.



1



2



3



4

Hot Products

What's new for cannabis cultivators and connoisseurs.

1 Blade Rubber

\$11.99

harvest-more.com

Trimming sessions grind to a halt when the clippers you're using become gummed up with resins. The Scissor Scrubber from the good people at Harvest More cleans shears thoroughly and easily: simply pour two to three tablespoons of rubbing alcohol through the squeegees and scrub away, and you'll be returning to your harvest in no time.

2 Abraca-dab-ra

\$24.99

dabclothing.com

Wanna let the world know you love taking dabs? Do it with style by wearing some of the eye-catching T-shirts from Dab Clothing, which feature clever designs and mottos such as "Keep Calm and Dab On," "Drop BHOmbs, Not Bombs" and "Steady Globbin." All of their tees are 100 percent ring-spun organic cotton and hand-printed in Colorado.

3 Soil Life

\$19.99, 1 oz; \$39.99, 3 oz

prolificplantprobiotic.com

Beneficial bacteria and microbes are essential for growing pot in a "living soil" ecosystem. That's why organic ganja farmers will rejoice after applying Prolific Plant Probiotic to their plant-feeding regimen. This affordable and easy-to-use product improves all aspects of growth, including healthier roots, vibrant new shoots and increased flowering tops.

4 Hit Wood

\$30

clawmoney.com

Graffiti legend Claudia Gold, a.k.a. Claw Money, has teamed up with hip Brooklyn accessory designers Good Wood to create the Claw Money x Good Wood Dugout. This fashionable one-hitter is laser-engraved with both companies' custom logos and prominently features Claw's signature paw design. Smoke stylishly and discreetly with these limited edition units.

WHITE RHINO



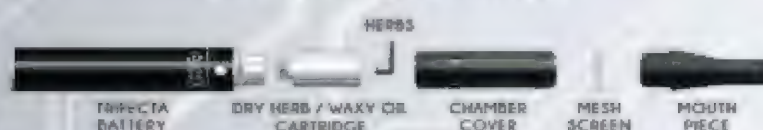
trifecta

vaporizer

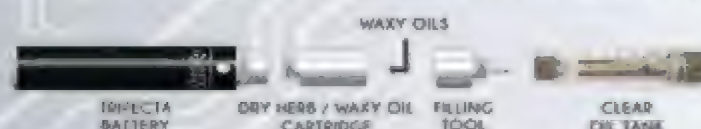
1 VAPORIZER. 3 CHOICES.

THE TRIFECTA BY WHITE RHINO IS THE PERFECT VAPORIZER FOR THOSE WHO WANT MORE THAN JUST ONE CHOICE. WITH THE ABILITY TO USE OIL, HERBS AND WAX YOU WILL NEVER HAVE TO MAKE A TOUGH DECISION AGAIN.

DRY CONFIGURATION



WAXY OIL HEATING / FILLING CONFIGURATION



LIQUID CONFIGURATION



WHITERHINOPRODUCTS.COM | 855.803.8883

You Tube



TOP 5 STRAINS

1

KUSH
\$372

2

DIESEL
\$384

3

PURPS
\$387

4

HAZE
\$383

5

CHEESE
\$299

(Kind)
"Good bud but 99 percent of the time people don't even know what strain they have. Kind of frustrating."
Columbus, OH

(Malana Bomb)
"Awesome smell and great jar appeal. The stone comes on fast and lasts for hours. Nice, tight buds."
Burlington, NC

MARKET ANALYSIS

Prices by the ounce

The US Price, Kind and Mids indices held steady this month. The Kind Index experienced the largest shift, finishing \$10 above its previous month's average and reaching \$400 per ounce for the first time since February. Meanwhile, after establishing a new high for 2013 in July, the Schwag Index dropped \$28 and hit a year low at \$97 an ounce.

US Price Index

YTD Average: \$328



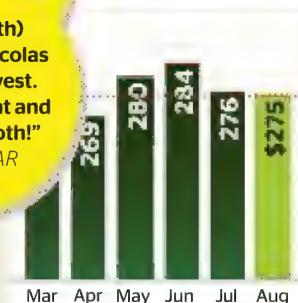
Kind Index

YTD Average: \$395



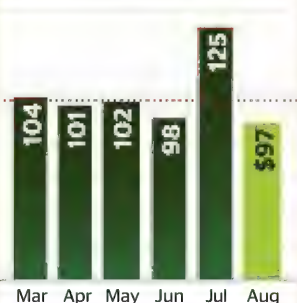
Mids Index

YTD Average: \$275



Schwag Index

YTD Average: \$103



(Sweet Tooth)
"Yields dense colas for a big harvest. Grinds up great and smokes smooth!"
El Dorado, AR

TRANS HIGH MARKET QUOTATIONS

STATE	CITY	STRAIN	PRICE
Arizona	Phoenix	Strawberry Cough	\$275
		Champagne	300
Arkansas	El Dorado	Sweet Tooth	420
		Querkle	420
California	Los Angeles	Girl Scout Cookies	340
		Skywalker OG	275
		Charlie Sheen	240
	San Francisco	Tahoe OG	350
		Space Queen	380
Colorado	Denver	Snowcap	300
		Ghost OG	400
		Death Star	300
Delaware	Pike Creek	Platinum Kush	370
		Blue Dream	370
Florida	Orlando	Jack Herer	400
		The Flav	320
Hawaii	Maui	Chocolope	360
		Super Silver Haze	400
Indiana	Indianapolis	Granddaddy Purps	450
Kansas	Salina	Headband	350
Maryland	Baltimore	Super Silver Haze	380
Massachusetts	Boston	East Coast Sour Diesel	400
Michigan	Detroit	Sour OG Kush	420
		Big Buddha Cheese	400
	Traverse City	OG Kush	500
Minnesota	Winona	Lavender	400
Mississippi	Macon	Sour Diesel	420
New Jersey	Hoboken	Guava Chem	400
New York	New York	Strawberry Cough	420
		Sour Diesel	450
North Carolina	Burlington	Malana Bomb (Auto)	400
		Grape Ape	400
Ohio	Columbus	Kind	360
Oregon	Portland	White Widow	220
		Apollo 13	210
Pennsylvania	Allentown	MK-Ultra	320
		Lavender (Soma Seeds)	330
Tennessee	Dickson Nashville	Trainwreck	350
		White Widow	450
Virginia	Richmond	Purple Haze	380
Washington	Marysville Seattle	Dutch Treat	295
		Black Domina	240
		Harlequin	250
Wisconsin	Madison	Afgooey	320
INTERNATIONAL			
Canada	Ottawa	Blue Domina	C\$200
		M-39	140
	Vancouver	Cinderella 99	210

We want to know what you're smoking! Submit your strain information, location and price by the ounce to thmq@hightimes.com or on Twitter using #THMQ.

(Blue Domina)
"Electric blue buds and an intense aroma. Regularly available in Ottawa during the early spring."
Ottawa, CA



Magical Butter in 3 Simple Steps

MagicalButter is a BOTANICAL EXTRACTOR®

Easily make medicinal butter, oil, tincture, lotion, & more

STEP 1:

Place your ingredients inside like; butter, oil, lotion, or alcohol together with herbs like; basil, garlic, cilantro, etc. Press desired function for "Oil, Butter or Tincture." MagicalButter automatically decarbs, grinds, heats, stirs and infuses. When done, LED lights stop and it beeps.

STEP 2:

Remove the top, pour your ingredients through the filter provided with the unit, into a container of your choice. Enjoy now or store it for later. It's that easy.

STEP 3:

Best of all, it's self cleaning. That's right. Simply add a bit of soap inside, press the "Clean" button, three minutes later, rinse, dry and put it away. It's like magic.

MagicalButter Is Superior to a Crock Pot/Double Boiler

- ✓ Design allows vapors to escape while locking in odors
- ✓ Grinds in what you cook to maximize potency
- ✓ Self-Stirring
- ✓ Built-In Timer & adjustable temp. settings
- ✓ Decarboxylation built into program sequence
- ✓ Scientifically designed program maximizes extraction
- ✓ Self-Cleaning
- ✓ Looks cool & has LED lightshow
- ✓ Perfect results everytime



VS



- Lid traps vapors in and stinks up your house
- Manually stir ingredients
- Babysit and monitor the process for hours
- Grandma uses it to cook roast
- A deep paper cut is better than doing dishes
- Results vary every time

Order Yours Today!

Eat To Treat™

Visit MagicalButter.com

Like Us on [f/MagicalButter](https://www.facebook.com/MagicalButter) • Call 800-420-4334

SETTING THE GOLD STANDARD FOR CANNABIS


GET YOUR HANDS ON THIS DELICIOUS DUTCH TREAT



Pacific NW Medical



GROW ROOM BUILT BY SOLUTIONS4MEDICALCANNABIS.ORG



IN BOTH LOCATIONS

ONLY AT PNWM.

THE WORLD'S LARGEST INDOOR MARIJUANA PLANT!

10 FT 2 IN WIDE

SPOKANE

805 E HOUSTON AVE
SPokane, WA 99208
509.474.9275

SEATTLE

19226 BURNING AVE N
SHORELINE WA 98131
206.542.2334

PHOTOS BY BLUE CROW STUDIOS

WWW.PACIFICNORTHWESTMEDICAL.COM

CloudV



cloudvapes.com



A 420 to Remember

Thousands descend upon Denver for the first-ever U.S. Cannabis Cup.

Snoop Lion proudly displays his Lifetime Achievement Award on the eve of the first U.S. Cup.

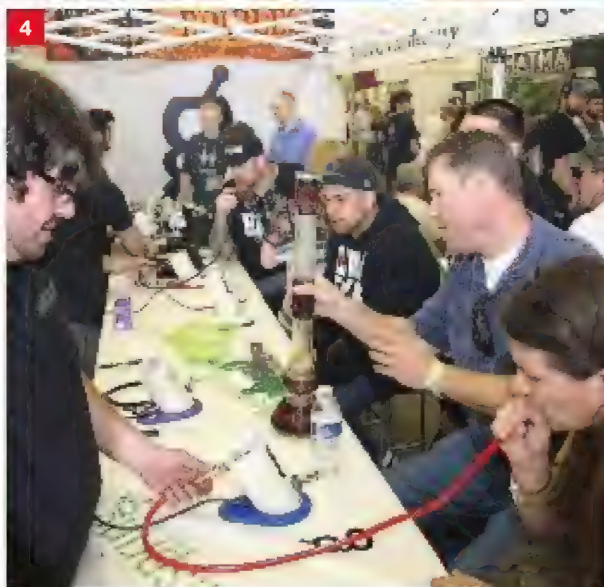
A ccording to Isaac Newton, an object in motion will not change its direction or velocity unless an external force acts upon it. The marijuana community knows something about that. We've set the buds—er, ball—in motion. And we continue to push, accelerating pot's favorability across the country. Still, we must remain vigilant against “external forces”: lawmakers who seek to reverse that progress or retard our momentum. That's one of the reasons we turn out in force, and in ever-increasing numbers, every year on April 20, our freewheeling national holiday—to send the message that there's no going back to the days of *Reefer Madness* and nationwide prohibition.





1. Thousands of 420 celebrants line up for the big party.
2. Inside the medication area, Colorado patients enjoy their state's finest products.
3. At Mary Jane's Medicinals, nurses offer TLC to attendees.
4. The Wellspring Collective of Denver provides vaporization stations.
5. Jamie Viano heads up River Rock Wellness' raw cultivation program.

View highlights of the US Cup at hightimes.com/uscup.



Without a doubt, this century's biggest pro-cannabis milestone was Election Day 2012, when Colorado and Washington voters legalized pot for adult recreational use. We've just witnessed the birth of a new era. No longer were we *hoping* for this day; we had actualized it. It was now real!

Evolution takes over from here—something our community will relentlessly

poke and prod as well. We want new and better pot laws in America. We want the Feds to recognize our will—and the truth of what we've been saying all along.

Suffice it to say that, 165 days after the state's historic legalization victory, Colorado was poised for an epic 420 celebration. So, it turns out, was the rest of the country. In fact, if you listened closely, you could almost hear "If you build it,

they will come" drifting on the Rocky Mountain wind.

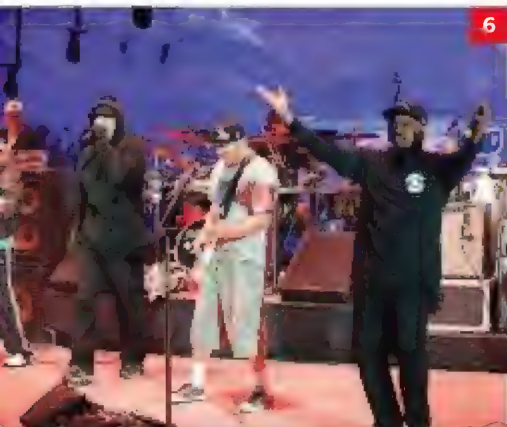
But the wind brought some wild spring weather, too. Even as *High Times* arrived in Denver to set up and host the first U.S. Cannabis Cup, two snowstorms occurred in the week leading up to the event—and just 48 hours before the doors opened, the temperatures stood in the low 20s. Still, as all pot lovers

Discreet yet revolutionary.



The Indica[®] vaporizer is engineered to maximize the minimal. Precise control of temperatures for pure vaporization. Outstanding capacity within a clean, pocket-friendly design. The look is subtle, the experience isn't. Learn more at indica2.com

indica[®]



6. Cypress Hill rocks with Slightly Stoopid at Red Rocks Amphitheater.

7. The legal seminar with top attorneys Michael Stepanian, Gerry Goldstein, Michael Kennedy, William Rittenberg and Keith Stroup.

8. Snoop spins his favorite tunes.

9. Incredibowl took top prizes for Best Booth and Product.

10. Hip-hop pioneer Busy Bee presents the Cup for Best Medical Concentrates.

The media was out in force as well, with Vice, CNN, Bloomberg, National Geographic TV and—horrors!—Fox News shooting the high drama.



know, it's not unusual for serendipity to smile upon stoned endeavors—and sure enough, temperatures started to rise and the snow began to melt.

By Friday night, the eve of the Cup, Denver had warmed up and attendees were feeling positively toasty, if not toasted. Crowds poured into the Fillmore Auditorium for a special concert by Snoop Lion (a.k.a. Snoop Dogg) and a presentation of *Redemption*, which chronicles his recent foray into Rastafarianism. Andrew Tosh opened for Snoop and lit up the joint.

Snoop was slated to DJ, but before he

began spinning, *High Times* presented him with the Lester Grinspoon Lifetime Achievement Award. Snoop's prize was a smokeable trophy created by top glass artists Hoobs & Hops. The audience applauded him by showering the rapper legend with joints. Later, when the clock struck midnight and 4/20 officially began, he returned the favor, throwing joints back at them as the balloons rained down.

High Times has held two prior Cup events in Denver, but they were Medical Cannabis Cups, which meant the products of Colorado canna-businesses on

display at the vendors' booths were available only to state-sanctioned patients. But thanks to legalization, *High Times* decided to rechristen the event as the U.S. Cannabis Cup and threw its doors open to anyone in the nation, if not the world, who wanted to attend.

It's been estimated that by 2017, Colorado will enjoy an annual tax benefit of \$60 million by amending the state constitution to allow legal adult use. The High Times U.S. Cannabis Cup demonstrated that, in addition to tax revenue, non-cannabis businesses of all sorts stand to prosper as well: Well over



our patients live better

6 denver metro locations

thecliniccolorado.com



Reserva Privada
COLORADO
AUTHORIZED DISTRIBUTOR

#theclinic #reservaprivadacolorado #dabsallday #reservaprivada #dnagenetics

16,000 people attended the event, with vast numbers coming from outside Colorado to sample this newfound cannabis freedom, which is open for any adult visiting the state to enjoy. Talk about economic stimulus! Hotels were packed, restaurants were filled, and merchants citywide were hardly complaining.

Add to that number 50,000 more who attended the massive 420 rally at City Hall Park. Unfortunately, that celebration was marred by gunfire; three people were wounded, and while the wounds were not life-threatening, the cops ended the rally and cleared the park to conduct their investigation.

Even so, those who chose to spend their April 20 at the U.S. Cannabis Cup were feted by over 200 vendors, many of whom gladly welcomed attendees with a healthy dab hit or cannabis edible. The EXDO Event Center, which housed *HT*'s two earlier Medical Cannabis Cups in the city, expanded its grounds to include a local street and an entire adjacent outdoor lot that was transformed into the Cup's recreation area. (As in prior years, the Cup offered medication areas as well, which remained restricted to Colorado medical marijuana patients.)

The outdoor scene surged with stoner



Yvette Ramirez of Sacramento, CA newly crowned as Miss High Times 2013.

activity. Milo, the big cheese behind Big Buddha Seeds, erected a massive pagoda-like structure to greet customers and serve up his Cheese strains. At the center of the recreation area, 420 Wellness amped the crowd with a thumping

DJ booth and an unceasing giveaway of joints, buds and pot-laced treats. Hit-man Glass brought their arsenal of dab weaponry for attendees to lock and load, while Incredibowl's top brass enlisted a veritable army of crowd-pleasers to smoke out eventgoers, thereby winning enough hearts and minds to receive the award for top product at the two-day expo. The hostesses at Pure Glass enticed Cup attendees with their merchandise, as they did at the recent *High Times* Medical Cannabis Cup in San Bernardino, and again walked away with Best Glass honors.

The media was out in force as well, with *Vice*, CNN, Bloomberg, National Geographic TV and—*horrors!*—Fox News shooting the *high* drama. Even the London *Sunday Times* sent correspondents.

Highlighting the top pot products of Colorado is the whole point of the Cup, and the vendors who entered their strains in the formal cannabis competition sponsored by *High Times* also offered their wares to the crowd. Throughout the preceding week and culminating in the awards show on Sunday night, panels of judges and an independent lab qualified, quantified and tested the entries to ensure that each

CONGRATULATIONS TO

BHANG CHOCOLATE

THE 5 TIME CANNABIS CUP WINNER

THE WINNINGEST EDIBLE

ON THE PLANET!



www.bhangchocolate.com



HIGH TIMES
U.S. CANNABIS CUP™

CHAMPIONS



PRIVATE STOCK LA

KUSHMAN GENETICS

BAMF



First Place
US Flower

VEGANIC

GIRL SCOUT COOKIES



Second Place
US Flower

VEGANIC

STRAWBERRY COUGH



Third Place
US Hash

LEMON OG

SOLVENTLESS HASH

AVAILABLE EXCLUSIVELY AT BUDS & ROSES



One attendee shows his dedication is more than skin deep with a tattoo of the Cup on his back!

strain, concentrate or edible was properly assessed. This meant that when the time came for the first U.S. Cannabis Cups to be handed out in Denver, the cream of Colorado's crops rose to the top. ✿

U.S. CANNABIS CUP WINNERS 2013

US MIXED FLOWERS

1. **Veganic Girl Scout Cookies**, by Private Stock LA/Buds & Roses
2. (tie) **Chem Tange**, by La Conte's Clone Bar & Dispensary and **Veganic Strawberry Cough**, by Kushman Genetics
3. **Kosher Kush**, by DNA Genetics

US MIXED HASH

1. **Tangie Shatter**, by Reserva Privada
2. **Lemon Amnesia Shatter**, by Archive Seed Bank/TerpX
3. **Lemon OG Solventless Hash**, by Buds & Roses LA/BAMF Extractions

MEDICAL NONSOLVENT HASH

1. **Flo-G Solventless Wax**, by Essential Extracts
2. **D-Star Solventless Wax**, by Botica del Sol
3. **Presidential Ice Wax**, by The Green Solution

MEDICAL CONCENTRATES

1. **Gucci-Earwax**, by Mahatma Extreme Concentrates/Karmaceuticals
2. **Lemon G-13 Shatter**, by Gaia Plant Based Medicine and TC Labs
3. **Pre '03 Kobe**, by Stay Concentrated

MEDICAL HYBRID

1. **R-18**, by Denver Relief
2. **Cinderella '99 x the White**, by Natural Remedies
3. **Ghost OG Kush**, by The Clinic-Colorado

MEDICAL INDICA

1. **Skywalker 600**, by the Greenest Green
2. **Larry OG**, by MMJ America
3. **Banana Kush**, by Mile High Green Cross

MEDICAL SATIVA

1. **Tangie**, by The Clinic-Colorado
2. **Durban Poison**, by Choice Organics
3. **Stardawg Guava**, by The Clinic-Colfax

MEDICAL EDIBLES

1. **Bhang "Ice" Peppermint Chocolate Bar**, by Karmaceuticals/ The Healing Leaf
2. **Peanut Butter Buddha**, by Incredibles
3. **Walnut Joy**, by Good Chemistry

CBD AWARDS

Concentrates: **R4 Stable CBD Oil**, by Greenwerkz-Denver
Flowers: **R4 (sativa strain)**, by Greenwerkz-Denver
Edibles: **Active CBD Oil**, by Natural Mystic Cannabis Caregiver

BEST BOOTH

1. **Incredibowl**
2. **420 Wellness**
3. **Vape X**

BEST PRODUCT

1. **Incredibowl Vulcan**
2. **Vape X**
3. (tie) **Cloud Pens and CloudV**

BEST GLASS

1. **PURE Glass**
2. **Vape X**
3. **Goblin King**

THE SOLUTION IS HERE.

THE ORIGINAL
NoGoo
 NONSTICK PRODUCTS



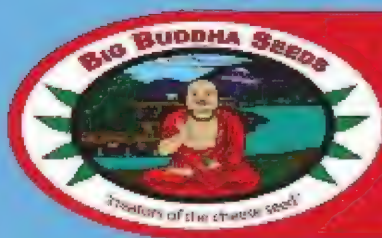

THE ORIGINAL NON-STICK CONTAINER!

100%
 FOOD GRADE SILICONE
 EASY-OPEN TOP
 SHATTER RESISTANT
 REUSABLE
 HEAT RESISTANT
 DISHWASHER SAFE
 FREEZER SAFE
 MICROWAVE SAFE

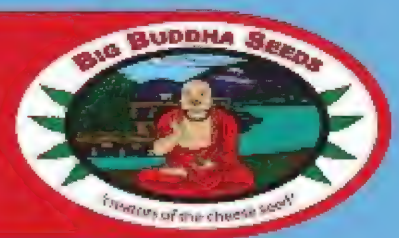
Order yours today!

www.NoGooNonStick.com





BIG BUDDHA SEEDS



BIG BUDDHA CHEESE



**BIG BUDDHA
CHEESE
AUTOMATIC**



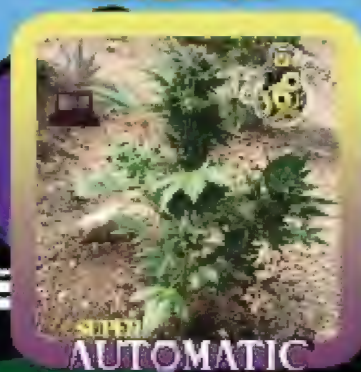
**Cheese
AUTOMATIC**



**BLUE
Cheese**



**CHEESER
AUTOMATIC**



**SUPER
AUTOMATIC
SATIVA**



**CRITICAL MASS
AUTOMATIC**



AUTOMATIC



**CHEESER
AUTOMATIC**



Cheese Dawg



**BUBBLE
CHEESE**



CHEESER



LA CHEESE



**FREEZE 89
CHEESE**



cheesus



SILVER CHEESE



Buddha Tahoe



KALI KUSH



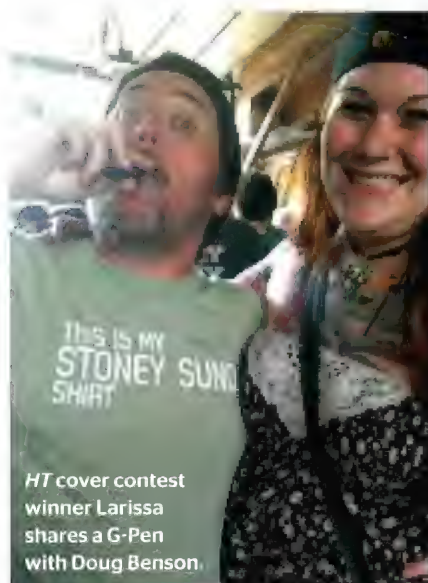
G-Bomb



Buddha Tahoe

www.bigbuddhaseeds.com

PLEASE CHECK YOUR COUNTRY'S LAWS BEFORE PURCHASING AND GERMINATING CANNABIS SEEDS.
IT IS ILLEGAL TO GERMINATE CANNABIS SEEDS IN THE UK WITHOUT A HOME OFFICE LICENCE



HT cover contest winner Larissa shares a G-Pen with Doug Benson.



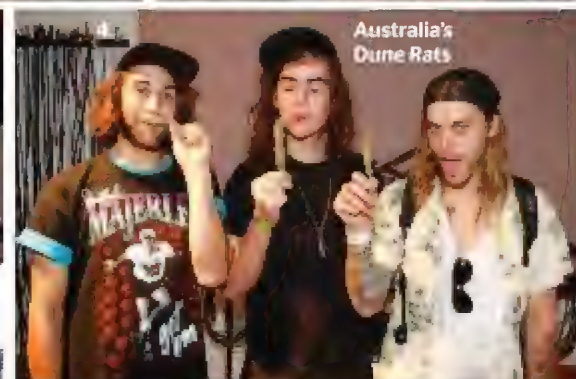
Activist Award winners The Effinays.



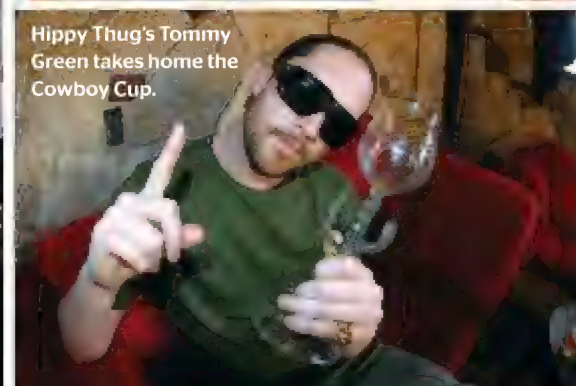
KLBJ's B-Doe.



Interstellar Transmissions on their psychedelic bus.



Australia's Dune Rats.



Hippy Thug's Tommy Green takes home the Cowboy Cup.



Rapper G-Eazy.



Diamonds rock the house.



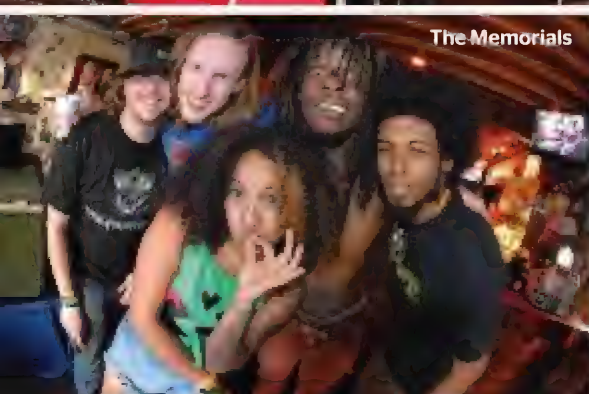
Gypsyhawk tears it up.



Hanging with George Clinton.



Styles P wins for Best Hip-Hop Artist.



The Memorials



Tony Clifton accepts the Lifetime Achievement Award.

Awesome in Austin

The 2013 Doobie Awards smoke out SXSW. *By Bobby Black*

With all the cheap booze and killer concerts at Austin's South by Southwest music festival, one hardly needs an excuse like St. Patrick's Day to get wasted. But when our annual Doobie Awards party happened to coincide with the holiday this year, it was an entirely different green that we were celebrating.

The aptly named Red Eyed Fly was abuzz all day as the capacity crowd lit up and rocked out to this year's seven performers: Aussie indie rockers the Dune Rats, Dallas funksters The Effinays, Austin's avant-garde Interstellar Transmissions, stoner shredders Gypsyhawk, rapper G-Eazy, Canadian metal band Diamonds (featuring sexy former Miss High Times finalist Priya Panda on vocals), and alt-rockers the Memorials (featuring former Mars Volta drummer Thomas Pridgen). Also on hand were celebrity guests Doug Benson, Doobie nominee Styles P, MTV's Chanel West Coast, P-Funk founder George Clinton and the legendary Tony Clifton (of Andy Kaufman fame), whom we presented with our coveted Lifetime Achievement Award in music (for more on Tony, turn to page 110). Awards were given out in 10 other categories as well, including Pot Song of the Year.

Aside from our music awards, we also handed out accolades for Austin's best herb, as judged the previous day at our secret Cowboy Cup party. This year, the winning strain was Girl Scout Cookies, provided by our pals from Hippy Thug.

A huge Texas-sized thank you to all of the sponsors who made this year's Doobies possible: 420 Science, Herbivore Designs, Same Sky Productions, Billy Cannon's Smoke & Ink, Mama P's Herb Grinders, GrowLife Inc., Jamie "the 420 Dude" Balagia, CS Travel, Outgrow Big Bro, Hot Mama's Café, and our good friends in DFW, Austin and San Antonio NORML. Last but not least, special thanks go out to Grav Labs for providing this year's bong trophies. ✨



Doobies 2013: Lifetime Achievement Award, stash jar and Cowboy Cup.

2013 DOOBIE AWARD WINNERS

BEST REGGAE ARTIST
Slightly Stoopid

BEST HIP-HOP ARTIST
Styles P

BEST ALTERNATIVE / INDIE ARTIST
The Memorials

BEST JAM / FOLK ROCK ARTIST
Neil Young & Crazy Horse

BEST ROCK ARTIST
Rush

11.

BEST STONER ROCK ARTIST
Clutch

BEST HEAVY METAL ARTIST
High On Fire

BEST NEW / UNDERGROUND ARTIST
TIE: Diamonds & G-Eazy

BEST LOCAL ARTIST
Interstellar Transmissions

ACTIVIST AWARD
The Effinays

POT SONG OF THE YEAR
"Roll It, Light It" - Cypress Hill & Rusko

LIFETIME ACHIEVEMENT AWARD
Tony Clifton

Happy Birthday, LSD

Dr. Hofmann's "problem child" turns 70.

The CIA tried to use it as a weapon; self-appointed shamans claim that it brings people closer to God; psychiatrists argue for its therapeutic potential; and ordinary citizens have been dosing themselves for decades simply because they like the high. But 70 years after its invention, we still have a lot to learn about LSD. *By Martin A. Lee*

The last time I saw Dr. Albert Hofmann, the Swiss chemist who invented LSD, he was keynoting to a packed house in a large auditorium in Basel, Switzerland. It was January 2006, and Hofmann had just turned 100 years old. A small, slightly stooped spry man with wisps of white hair, he stood onstage without a cane or walker and spoke to more than 1,000 people at the international symposium being held in his honor. Twentysomethings with multicolored dreadlocks, straitlaced research scientists and psychedelic veterans of the hippie era listened with rapt attention as Hofmann talked about his infamous "problem child," lysergic acid diethylamide 25, the hallucinogenic drug that blew minds and upset societal apple carts when it catalyzed the countercultural rebellion of the 1960s.

"As I look at you today," Hofmann told his audience, "I see you are not my problem child. You are my prodigy."

Thank you, Dr. Hofmann. From problem child to prodigy—what a long, strange trip it's been.

As a young man, Hofmann worked for Sandoz Pharmaceuticals in Basel, where he developed medicinal compounds from plant sources. LSD was the 25th in a series of ergot (rye fungus) derivatives Hofmann had concocted; hence the designation LSD-25. But preliminary studies on lab animals didn't prove significant, and Sandoz scientists soon lost interest in the drug. LSD

sat on a shelf until that fateful afternoon of April 16, 1943, when Hofmann inadvertently absorbed a tiny amount of it through his fingertips and went spiraling through the cosmos. Three days later, he bicycled into eternity after taking 250 micrograms, thinking that such a dose was too small to have an effect.

LSD is odorless, colorless, tasteless and extremely powerful—properties that stoked the interest of American spies and military strategists during the early years of the Cold War. It was problematic from the get-go. The fledgling Central Intelligence Agency enthusiastically embraced LSD as a "potential new agent for unconventional warfare." In the 1950s, CIA operatives actually thought that LSD would revolutionize the cloak-and-dagger trade.

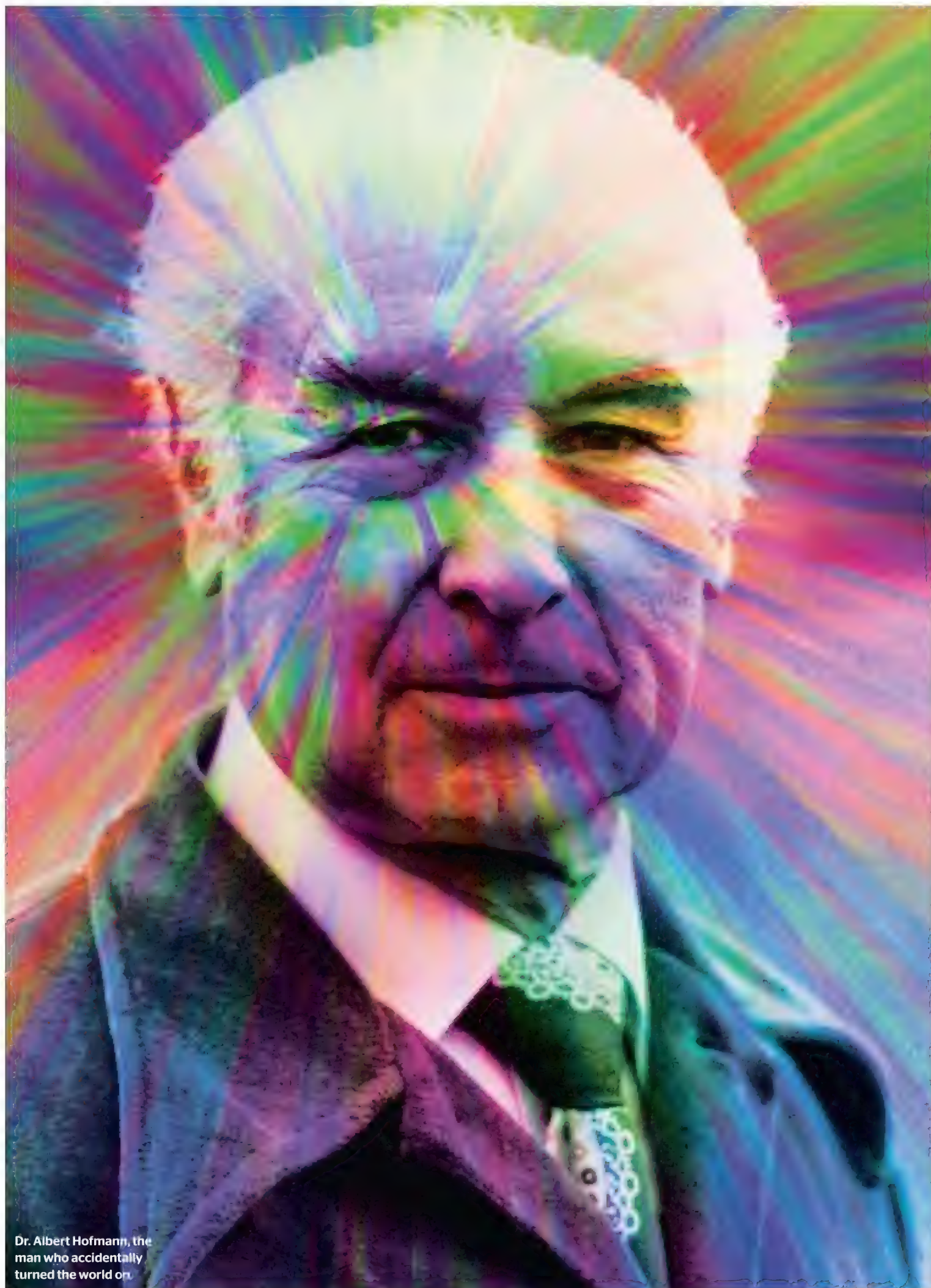
The CIA's space cowboys dropped acid to figure out how to harness the hallucinogen for espionage purposes. "We felt that a firsthand knowledge of the subjective effects of these drugs [was] important to those of us who were involved in the program," a CIA officer later told congressional investigators. Immersed in "a never-never land of 'eyes only' memos and unceasing experimentation," as a once-classified CIA document put it, US interrogators administered surreptitious doses of LSD to disorient people, undermine their will to resist, and elicit information from uncooperative subjects.

US Army brass were equally smitten by the notion of using LSD to wage psychochemical warfare—spray a cloud

of "madness gas" over a big city and you could incapacitate the entire population without killing anyone. Or so they imagined. LSD conjured the prospect of a new kind of weapon that would supposedly usher in an era of "war without death." The US Army Chemical Corps gave LSD to hundreds of American soldiers to assess the drug's disruptive impact on military drills and war games.

Around the same time, many reputable psychiatrists began touting LSD as a promising therapeutic adjunct, a novel healing modality that could help neurotic patients confront and overcome their hang-ups. LSD was well regarded among scientists for its therapeutic potential long before it gained a reputation for recreational abuse. They saw LSD as a potent tool to study how the mind works, a long-awaited chemical key for unlocking the mysteries of brain chemistry and mental illness. A tiny dose of LSD seemed to have an uncanny ability to make the unconscious conscious, to illuminate long-hidden sources of stress by bringing to the surface whatever might be lurking in the mental depths; hence the word *psychedelic*, which literally means "mind-manifesting."

During the 1960s, the therapeutic potential of LSD was projected onto a broad social landscape. Timothy Leary and others trumpeted acid as a cure-all for a sick society, a species catalyst capable of catapulting humanity to the next evolutionary level. The LSD story



Dr. Albert Hofmann, the man who accidentally turned the world on.

morphed into a “Sorcerer’s Apprentice” tale as the drug spilled out of the laboratories of the state and into the streets of America and elsewhere. And now that the genie was out of the bottle, it was impossible for the CIA or anyone else to stuff it back in.

Every group that got involved with LSD before it was banned by the US government in 1967—the CIA, the military, the shrinks, the ’60s rebels—swooned over the psychedelic. These LSD enthusiasts, representing disparate segments of society, had different ideas about acid and how it could be used to advance their agendas. But they shared something in common: They all saw LSD as the key to the big breakthrough for their respective interests. In each case, the encounter with LSD triggered an envisioning of new possibilities. Whether or not these possibilities would ever be realized is another matter, but the opening, the awakened sense of potential, was real.

For some intrepid trippers, the dazzling immediacy and experiential density of LSD are conducive to deep insight and self-discovery, those seminal lightbulb moments that alter mental constructs and change how we look at things. The phrase “high on LSD” implies rising above the

The phrase “high on LSD” implies rising above the ordinary and achieving an overarching, big-picture view, a visionary epiphany.

ordinary and achieving an overarching, big-picture view, a visionary epiphany. What was once unimagined suddenly becomes saturated with possibility.

“LSD opened my eyes,” said Hofmann. But he didn’t consult the psychedelic oracle very often: Over the years, he ingested LSD and psilocybin less than a dozen times. Hofmann lamented the fact that many people dropped acid casually and for mere entertainment. “Those who use it frequently don’t understand LSD. They haven’t gotten the message of LSD,” Hofmann told me when I visited him and Anita, his wife of 67 years, at their scenic mountaintop home near Basel in 2002.

It was a beautiful spring day. Hofmann greeted me at his front door and immediately suggested that we take a walk

outside. “Better to see first, then talk,” he asserted. He led me along a wooded path that straddled a sloping meadow festooned with wildflowers. I stopped and stared in awe at the breathtaking panorama. I could see Alsace and the Black Forest in the valley below; the Bavarian Alps loomed in the distance. “This is not an acid dream,” Hofmann remarked, pointing to the picturesque landscape.

Hofmann was both a scientist and a nature mystic. He was also a collector. An amateur entomologist, he collected butterflies and rare insects. The most beautiful specimens were photographed, and some of these images were published in a splendid little volume, *Lob des Schauens* [In Praise of Seeing], which he gifted to his friends and associates.

After our outdoor stroll, Hofmann gave me a tour of his library, noting books that were autographed by his literary hero, Ernst Jünger, the conservative revolutionary incendiary who coined the word *psychonaut*. There were also botanical reference guides and titles on arcane subjects, such as hashish tales from the Arab world.

Hofmann showed me a first edition of *Island*, Aldous Huxley’s last novel, about a short-lived psychedelic utopia. The

11X AWARD WINNER

SUPERCLOSET

#1 Selling Grow Boxes in the World

Top 15 Reasons Everyone Grows With SuperCloset!

SuperCloset is the **ONLY** Fully Automated Grow Cabinet that has the following:



15. "Intra-Cool" Steel Cabinet
16-18 Gauge Steel, Beautiful, Scratch
Clean, Powder Coated Black

14. SuperCool Lighting System
Dimmable 250/360/400 WPS
Full Spectrum & Air Cooled
FEATURING:
LUMATEK
ELECTRONIC BALLAST

13. Internal Circulation Fan
Adjustable for Perfect
Airflow Everywhere

12. Fully Automated
Leave for up to 7 days

**11. Superponics 3.0
Hydro System**
Grow 1-16 plants up to
5x Faster and Larger with
Superponics

10. Continual Harvest Rotation
Adjustable Vegetation Chamber
can be raised, lowered, or removed



9. Removable Rear Access Controls
Control all functions from
inside or outside

8. "Odor Free" Guarantee
Activated Carbon Air Filter

**7. Adjustable Light
Yo-Yo System**
Maximum Photosynthesis
Penetration

6. Three Year Warranty
For your entire SuperCloset

5. Up to 40% Bigger Yields
Exclusive Adjustable Net Tents
and Larger "Baby Acres"
Flower production

4. Triple Locking Door
Maximum Safety &
Security

3. SuperCloner
50 Steps 100% Cloning
& Mother Success

2. Lifetime Customer Support
7 days a week from grow professionals

*** Comes with EVERYTHING you need, including your Nutrients, DVD, Ph Kit, TDS Pen and More**

P.O. Box 883663
San Francisco, CA 94188

www.supercloset.com

ph. + 877.476.9767
fax. + 415.285.0310

PURE ESSENTIALS

BLACK LABEL

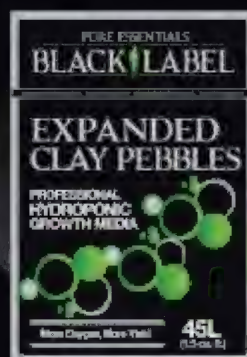
THE FASTEST GROWING
NUTRIENT ON THE MARKET!
HIGHLY CONCENTRATED | DESIGNED FOR YOUR CROPS



VEG A & B | BUD A & B | ROOT ENHANCE
BUD ENHANCE | ZYM | FLUSH

WE DON'T FLUCK AROUND

GROWTH MEDIA



EXPANDED CLAY PEBBLES
70/30 COCO MIX | 50/50 COCO MIX

VISIT US ON THE WEB AT
GROWBLACKLABEL.COM

book had been inscribed by Huxley: “To the inventor of the *moksha* medicine.” (*Moksha* is the Sanskrit word for liberation from the cycle of suffering, death and rebirth.) Aldous and his wife Laura were occasional houseguests. “That’s where Laura Huxley demonstrated her yoga postures,” Hofmann recalled, gesturing toward the rug in the den.

We talked more about literature. Hofmann surmised that Hermann Hesse—the Nobel Prize-winning author of novels like *Steppenwolf*, with its mind-bending “Magic Theater” episode—was among the handful of European intellectuals and artists who’d experimented with mescaline in the 1930s. Hofmann also admired the drug writings of Walter Benjamin, the Jewish philosopher and literary critic who took his own life after fleeing Nazi Germany.

The conversation shifted to climate change, environmental pollution and the relentless corporate defilement of the natural world, topics of great concern to Hofmann. He criticized the US government for obstructing efforts to mitigate global warming and social injustice. “The whole world is against the United States. Why aren’t American citizens outraged at their country’s militaristic policies?” he asked.

I told him that independent policy

Albert Hoffman died on his beloved mountaintop in 2008, at 102 years of age.

critics are typically marginalized by the mainstream media in the US, and that consequently many Americans are clueless about current events. But we agreed there were some hopeful signs, particularly with respect to the renewed scientific inquiry into psychedelic drugs. Nearly 700 peer-reviewed studies with LSD and other hallucinogens had been conducted prior to 1972; for the next 18 years, however, no human studies with LSD were permitted. The research blockade began to abate in the 1990s, and a handful of investigators in the United States and elsewhere got the green light to experiment with LSD and psilocybin as a treatment for depression, cluster headaches, PTSD, and to help terminally ill individuals come to terms with death.

Humans have ingested hallucinogenic substances since time immemorial, and extensive underground experimentation

will surely persist despite the War on Drugs and the illegal status of LSD. Political constraints are such that efforts to validate psychedelics through medical studies comprise the path of least resistance for LSD advocates. Seventy years after Dr. Hofmann discovered the effects of LSD, scientists are using the drug as a tool to unravel the mysteries of the human brain. For example, a team of Chinese and American scientists has shown that ergotamine, a biochemical precursor of LSD, inhibits migraines by binding to the 5-HT_{1B} serotonin receptor. And Hungarian researchers have linked clinical depression to mutations in a gene that encodes another LSD-sensitive serotonin receptor.

Albert Hofmann died on his beloved mountaintop in 2008, at 102 years of age. He was a rare soul, a man of exceptional dignity. How lucky we are that he, of all people, chanced upon LSD when he did. Or did LSD choose him, as Hofmann himself mused? ✨

Martin A. Lee is the author of several books, including Acid Dreams and, most recently, Smoke Signals: A Social History of Marijuana—Medical, Recreational and Scientific (smokesignalsthebook.com). For more information and regular updates, follow “Smoke Signals—the Book” on Facebook.

WEST COAST GROWERS

STURDY-BUILT

Next

Uni-Flow

BELL LIGHTING TECHNOLOGIES

WWW.WEST COAST GROWERS.COM

TOLL FREE 888 924-4769

**\$50**

Afpak x Skunk
 Pollkat - Autoflowering
 Gold x Mango - Autoflowering
 Bubba x Skunk
 Reeferman Skunk
 Jojo Kush
 Mad Kush

\$55

Chemo

\$60

Sour Diesel
 Double Skunk x Skunk
 Pineapple
 Island Sweet Skunk x Skunk
 Northern Lights x Skunk
 Rockstar

\$70

G13 x Skunk
 Maple Kush
 Moosejaw Madness
 Blackberry Kush

\$75

Zen Hash Plant
 #1 Love Potion (Next Gen)

\$80

Moosejaw x Skunk
 Double Skunk Harmony x Skunk
 Original Haze x Skunk

\$90

Sour Diesel x Skunk

\$100

Kushicle
 #1 Harmony
 Pig OC
 Bubba Rock
 Grand Daddy Purple
 Cherry Bomb x Skunk
 Golden Temple Kush
 Mowie Gold x Skunk
 Thai x Skunk
 Tuna Kush
 Afpak
 G13 Chem Dog

\$125

#1 Black Willie
 Pink Kush

\$150

NH12 x Early MM
 Harmony x Thai
 Malawi Gols x Thai
 #1 King
 #1 Early Purple Kush

\$180 - NEVIL'S STRAINS

Mullumbimby Madness x Nevil's Haze 2
 Nevil's Haze 21 x Oaxacan
 MM x Nevil's Haze 21
 Nevil's Haze 23 x SK MM
 Nevil's Haze x Early MM

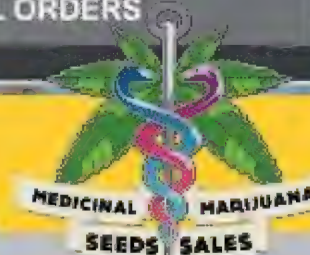
We Accept  Bitcoin

**\$7 ULTRA STEALTH WORLDWIDE
 SHIPPING ON ALL ORDERS**

Check out www.medicinalmss.com for more
 info, and visit our online store.

sales@medicinalmss.com

call Toll Free: **1 855 425 3437**



Fill in this form or for larger orders, a
 separate page including product names,
 sex, quantity, price, and order total*. Send
 along with the BLANK Money Order or
 cash for the total amount to:

R.M.S.S
 PO Box 21648
 Vancouver, BC
 Canada V5L 3X0

*Include \$7 Shipping per order

Product Name	Sex (reg/fem)	Quantity	Total

Name		Subtotal
Address		S&H \$7.00
City		Promo
Province / State		Xpress Ship? <input type="checkbox"/>
Postal / ZIP		(\$30.00)
Country		Total

*** 10 FREE seeds with cash orders ***

PROMO CODE: HTMS
 Buy 1, get the next pack of equal or
 less value 1/2 price - limited time

Marijuana seed producers from the United States have surged ahead of their European counterparts by creating champion pot varieties and winning Cannabis Cups galore. The *High Times* Cultivation Department talked to six leaders in the breeding biz about the current state of the art.

Darkstar from T.H. Seeds shines brightly.



America's New Cam

T.H. Seeds

Colorado/Amsterdam/Spain

Adam Dunn moved to the Netherlands in 1989 and quickly settled into jobs at both the Hash Museum and the Sensi Seed Bank. After establishing himself as a premier grower and breeder in Amsterdam for several years, Adam founded T.H. Seeds in 1993, in the storefront that he and his partner Doug opened in order to help organize the first High Times Cannabis Cup that would be attended by the general public. That store, Cannabis In Amsterdam (or CIA), eventually evolved into Hemp Works, the city's first hemp store and home of the popular Hemp Hoodlamb line of coats and clothing.

Robert Connell Clark, author of the

books *Marijuana Botany* and *Hashish!*, famously called Hemp Works “the epicenter of the cannabis universe,” and it’s easy to see why. It’s where T.H. Seeds first set the standard for excellent marijuana genetics. Strains such as S.A.G.E. (short for “*Sativa* Afghani Genetic Equilibrium”), MK-Ultra and HOG proved that quality and quantity weren’t mutually exclusive. Newer strains such as Kushage, Burmese Kush and Sage ‘n’ Sour continue to dominate marijuana events and gardens worldwide.

Sensing positive change in the cannabis climate back home, Adam decided to return to the US in 2010, settling in Denver and opening up Hoodlab, a store dedicated to the same founding



Adam from T.H. Seeds

Vortex from TGA wins awards for flavor and potency.



nabis Kings

principles that he'd put in place in Amsterdam. As T.H.Seeds celebrates 20 years of breeding, they continue to produce some of the highest-quality marijuana genetics in the world, as evidenced by varieties like Wreckage (selected as one of the Top 10 Strains of 2010), Cold Creek Kush (the second-place winner for best *indica* at the High Times Cannabis Cup in 2011), and Sage 'n Sour (one of the Top 10 Strains of 2012).

Adam tells us, "It's been great to be a part of this movement for the last 20 years—and now that it's going global, you can expect to see T.H.Seeds expanding our varieties and horizons for at least the next 20 years."

Visit thseeds.com

TGA (The Green Avengers), Subcool Seeds

California/Oregon

Formed in 2001 by the master breeder Subcool, TGA Genetics quickly emerged as a force to be reckoned with in the marijuana seed business. Strains such as Jack the Ripper and the Apollo-13 BX took potency, flavor and aroma to a whole new level. Since then, TGA has produced multiple Top 10 Strains of the Year, as well as winning Cannabis Cups with their incredible Vortex (sometimes under different names).

With a focus on the medicinal benefits of their strains, Subcool, MzJill, Dioxide and the TGA gang benefit from a unique system of "open source" seed-testing

done by a vast network of growers. The enterprising pot farmers report back their findings, allowing TGA to refine their genetics for the ever-growing market. Newer varieties such as Chernobyl, Qleaner and The Flav exhibit ridiculous amounts of trichomes that feel greasy with resin to the touch.

Forgoing the determination of many seed banks to cash in on feminized seeds and the auto-flowering craze, TGA produces only regular seeds with increased vigor instead of watered-down varieties with dubious genetic backgrounds. This ensures that you'll get a keeper plant from every pack of seeds bought from their authorized dealers. Also, be sure to check out Subcool's hugely popular "Weed Nerd" videos on YouTube, in which he continues to teach a new generation of growers how to produce the highest-quality cannabis with an eye toward benefitting the medicinal and connoisseur communities.

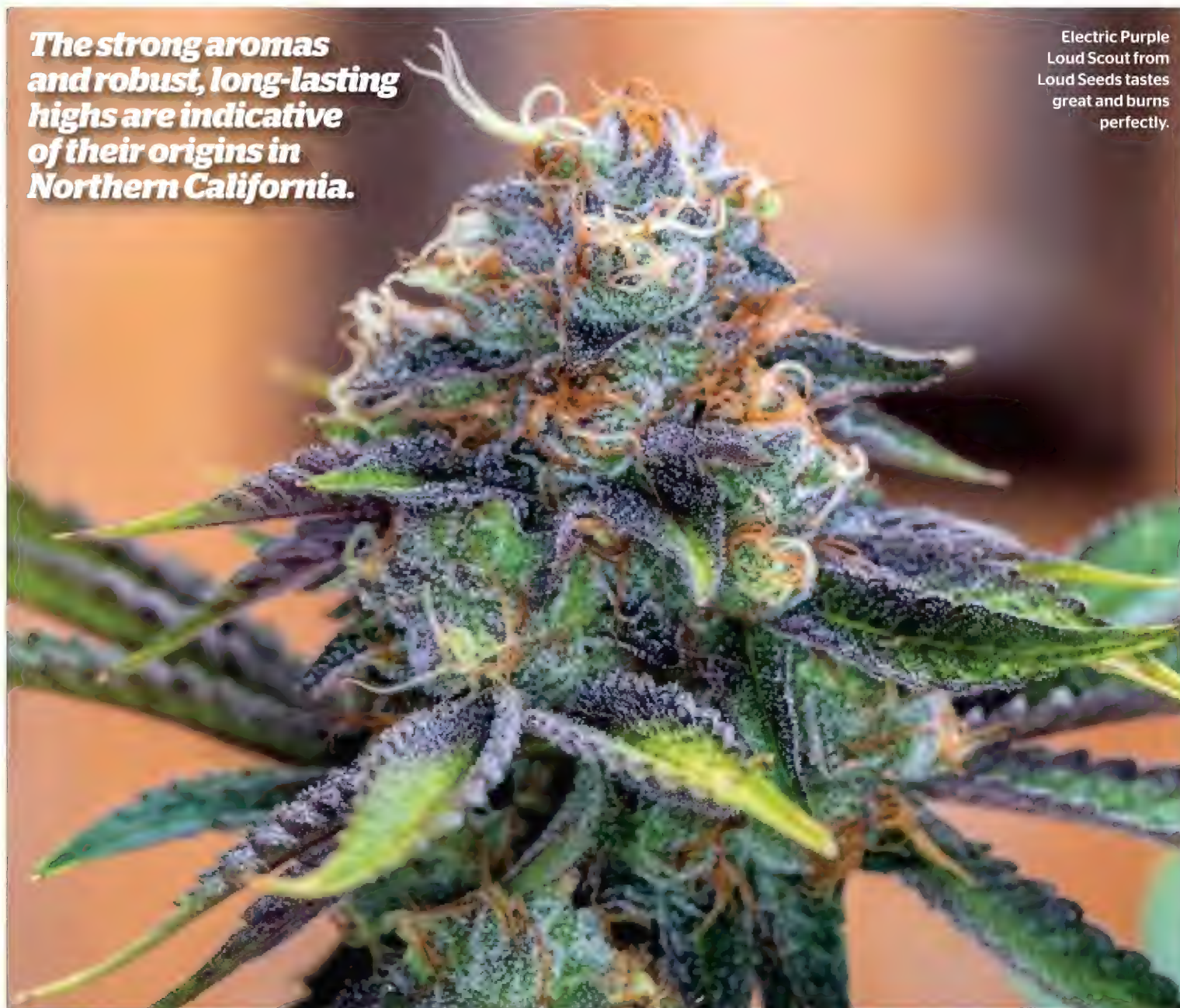
We asked Sub about the future of TGA, and he replied: "We've added a few new breeders to the team who will be bringing a whole new line of amazing genetics. TGA has over 20 new strains in testing, but we haven't released any data on them. When people ask me when they can expect to see these new strains, I have only one reply: 'They're in testing.' Our small company has become well known, in my opinion, precisely because we take our time and test, test, test before releasing anything new.

"TGA and all of the team are proud of our long relationship with *High Times*, and I personally would like to thank Danny Danko for all of his support over the last 14 years."

Visit tgagenetics.com

The strong aromas and robust, long-lasting highs are indicative of their origins in Northern California.

Electric Purple Loud Scout from Loud Seeds tastes great and burns perfectly.



James from Loud Seeds

Loud Seeds

California

The American cannabis-breeding collective known as Loud Seeds has been making some serious noise recently with strains that just scream potency. The strong aromas and robust, long-lasting highs are indicative of their origins in Northern California, where the medicinal growers that make up the collective have been honing their skills and refining their genetic masterpieces for many years.

James, one of those breeders as well as the face of the group, named the seed company “Loud” because he wanted the strains to speak for themselves—and boy, do they ever. Loud OG Kush, Woody’s Granddaddy Purple and Loud Dementia all exhibit some of the finest qualities of the cannabis varieties from Northern California, but it’s their Loud Scout that has truly been raising the roof. A combination of the infamous Bay Area Girl Scout Cookies and Platinum OG, Loud Scout was a surprise winner as best hybrid at the 2012 High Times Cannabis Cup in Amsterdam, immediately putting this up-and-coming collective on the marijuana map.

Still reeling from his Cup win, James tells us: “It was such an honor to win the Cup—a real dream come true. But I don’t plan to rest on my laurels just yet. We have a bunch of new stuff we’re working on, including putting out quality seed versions of Sour Diesel, Jack Herer and Chemdog. It’s so important to improve upon the gene pool by making selections from large populations of plants. And the more legal things get, the larger the samplings we can choose from become. Lab testing is also helping us achieve cleaner and higher-quality medicinal cannabis, and that’s always the ultimate goal.”

Visit loudseeds.com

 It's all in the name.
MidweekSong.com

WE STOCK SEEDS FROM
NUMEROUS SEED BANKS

20% Off

All Orders with
Promo Code:

HIGHTIMES420



FREE BRANDED SEEDS WITH ALL ORDERS



UK: 0207 272 6597.

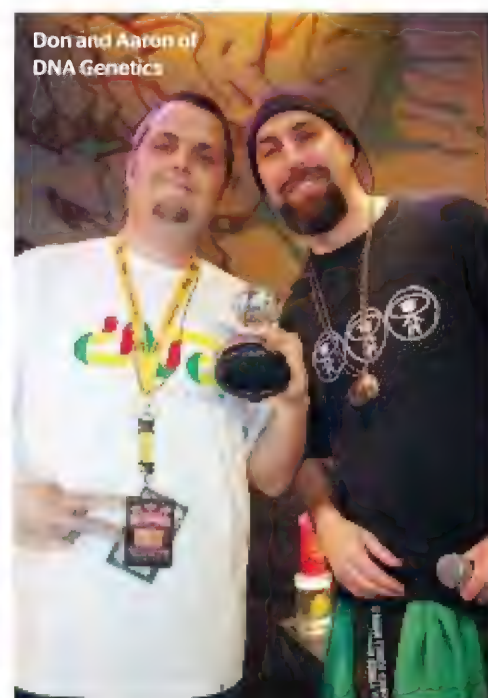
INTERNATIONAL: 0044 207 272 6597

OR FIND US ON SKYPE: MIDWEEKSONG



WE SHIP WORLDWIDE WITH THE
BEST DISCREET DELIVERY SERVICE AVAILABLE

ALL SEEDS ARE SOLD AS SOUVENIRS ONLY. MIDWEEK SONG ACCEPTS NO LIABILITY FOR CUSTOMERS PURCHASING THEM FOR ANY OTHER PURPOSES
ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD



Rare Dankness Seed Company

Colorado

Originating in Colorado, Rare Dankness have accomplished quite a bit in just a short period of time. Although the company was founded back in 2001 (under the name Moonshine's Seeds), it wasn't until 2010 that they rechristened themselves Rare Dankness—and the first time they entered a High Times Cannabis Cup wasn't until 2011 in Amsterdam.

In the two years since, Rare Dankness have taken home two Cups (a first-place win for best *sativa* in Amsterdam in 2011, and a first-place win for best *indica* at the High Times Medical Cannabis Cup in Los Angeles in 2012). They have also made *High Times*' "Strongest Strains on Earth" list twice (currently holding honors for the most potent entry ever tested at a Cup event, at 25.49% THC), and had their Ghost Train Haze named as one of the Top 10 Hazes of all time.

Owner and founder Scott's proudest achievement, however, is the road he traveled to get to this point. "My greatest accomplishment has been continuing to produce seeds while I underwent treatment for cancer," he says. "My passion for this plant intensified, and I became a vocal supporter of its benefits, especially during chemotherapy."

With a new base of seed operations in Valencia, Spain, Scott now splits his time between the two cities he calls home. His release of both the Scott's OG and the Rugburn OG have provided two new potent options for growers, but what's the top seller in his catalog? "That's easy," he jokes: "OG Ghost Train Haze #1—everyone wants the 'Strongest Strain on Earth!'"

So what does the future hold for the Rare Dankness crew? A new project in Amsterdam, clothing lines, more seeds and, very likely, many more awards. As Scott puts it simply, "I just want to see this plant legal and made available to anyone that needs it."

Visit raredankness.com

"My passion for this plant intensified, and I became a vocal supporter of its benefits, especially during chemotherapy."

DNA Genetics

California

If you're unsure exactly who DNA Genetics are, you need look no further than their trophy case. Since arriving in Amsterdam (by way of California) circa 2003, founders and owners Don and Aaron (the "D" and "A" in DNA) have steadily changed the strain game by infusing elite US genetics into the Amsterdam weed-and-seed scene.

In the time since their arrival, DNA Genetics have won more awards at High Times Cannabis Cups than any other seed company over the past 10 years, including 20 win, place or show finishes (first, second or third) in the cannabis and hash categories for both their seed company and their affiliated Amsterdam coffeeshops. Recently, DNA have shifted some of their operations back to California—specifically

their elite seed lines released through a subsidiary, Reserva Privada—but have kept their headquarters and storefront shop in Amsterdam.

Still, it's their lineup of US-originated genetics that have put DNA on the map and turned them into the seed magnates they are today. Take, for instance, LA Confidential and Martian Mean Green, two of their earlier championship Cup strains, both of them a cross of old and new genetics—OG LA Affie x Afghani for the LA Confidential, Sharksbreath x G-13 Haze for the Martian Mean Green. Or check out one of their latest winners, the Kosher Kush, a mysterious combination of new "Kosher" genetics (another OG phenol) backcrossed with an original OG Kush.

Look for the continued release of new strains from DNA/Reserva Privada, especially at the High Times Cannabis Cup in Amsterdam this November, where the dynamic duo have a penchant for releasing mouth-watering winners that may very well prove to be repeat champions for years to come. Asked what they've been up to lately, Don tells *High Times*: "We're proud to announce the DNA Limited Collection. What we've done is produce limited amounts of seeds of varieties we're not releasing in mass quantities. These seeds will be in their own specially designed packages and will also be numbered, so you'll know what pack of how many were produced. There will be no more than 2,000 packs of any of these strains ever! The DNA Limited Collection is going to come in feminized as well as regular varieties and will be constantly changing."

Visit dnagenetics.com

Kosher Kush







Bubba Kush





ONTARIO SEED BANK

YOUR SOURCE FOR THE STRONGEST NORTH AMERICAN STRAINS



XXX
420

818
HEAD BAND

LARRY OG

CALI
COOL

FLUSH THE
EUROTRASH...
WE HAVE
GIRL SCOUT
COOKIES!!

★ only in N. America ★

BLACK
WATER

PLUSH
BERRY

deep
purple

WILD
ROSE
ROCKS!

TAHOE OG



The grass is
GREENER
in N. America

A**HOLE

For good seeds, call
416-255-5355

shake for
CHEESE
DUKE!

DEAD
HEAD
Jean
Guy
is
here



CHECK OUT THE TRUE ORIGINALS AT ONTARIOSEEDBANK.CA NO LICENSE REQUIRED!

SHOP IN PERSON IN A SAFE ENVIRONMENT



416-255-5355

3351 Lake Shore Blvd W - Toronto, ON M8W 1N1
MON to SAT 10am - 5pm | SUN 10am - 3pm

DANK DELIVERY LINE 416-255-9333 FREE DELIVERY ON ORDERS OVER \$25

DON'T BE
FOOLED BY O.S.B.
WANNABES!
GO TO THE
REAL
SOURCE AT
ONTARIOSEEDBANK.CA



Canadian owned
and operated.

Directions: Take QEW Toronto to Cawthra Rd exit, then south on Cawthra to Lakeshore Blvd.
Go east on Lake Shore Blvd for 5 miles. Look out for the neon '420' sign on the south side of the street.



ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

Tahoe OG Kush from the Cali Connection glistens with trichomes.



Larry OG Kush grows into dense flavorful nuggets.



Swerve from the Cali Connection



The Cali Connection Seed Company

California

Another seed company stalwart with roots in California, the Cali Connection Seed Company have cemented their own place in the Seed Bank Hall of Fame through elite American lineages. As the name suggests, owner and founder Swerve—an excellent grower and breeder in his own right—saw problems in the stagnant Amsterdam gene pool and brought his own mix of top US genetics to the market. By doing so, he quickly vaulted the Cali Connection to the top ranks of the seed industry and has become a “usual suspect” in the High Times Cannabis Cup winners’ circle.

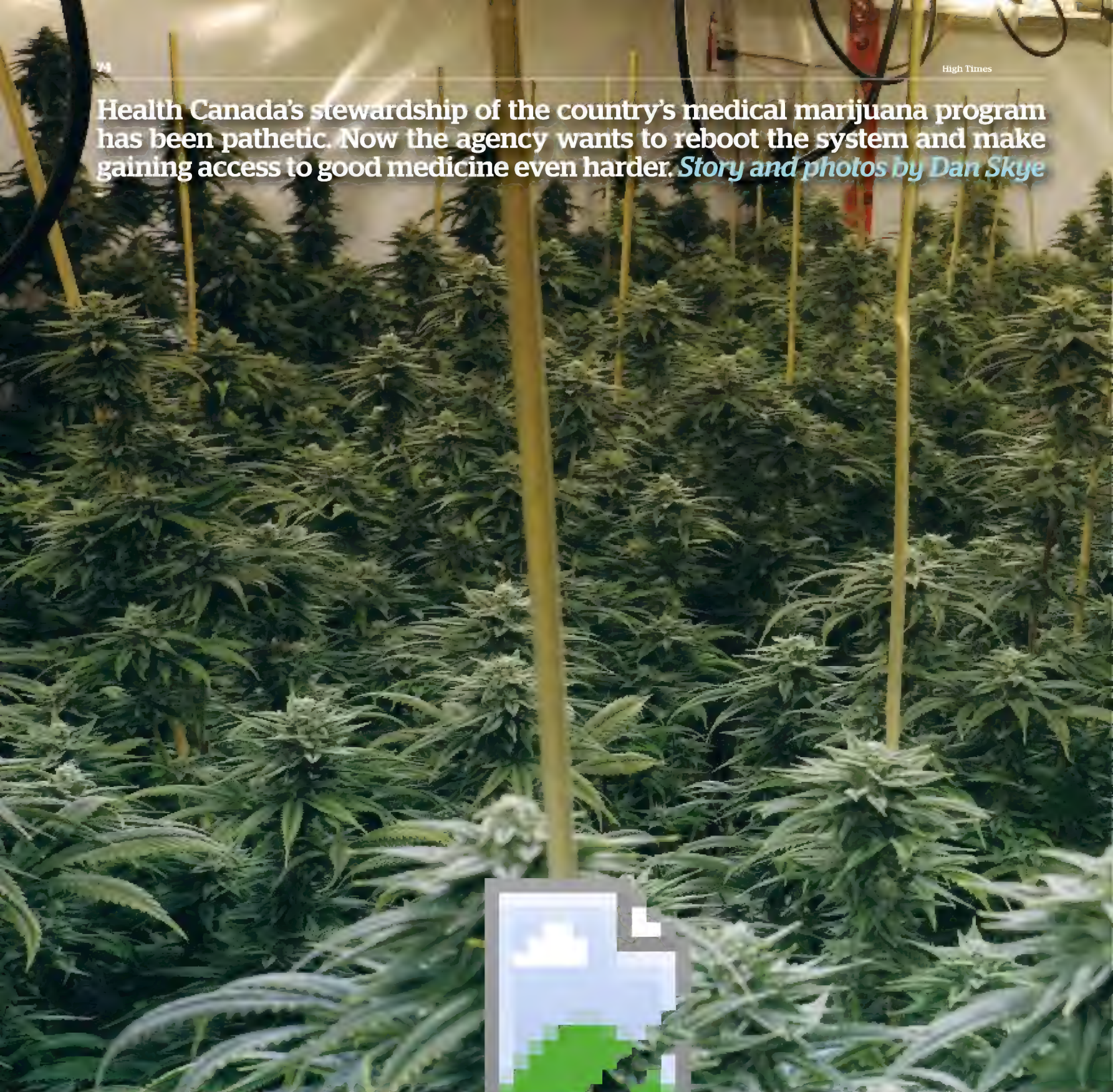
With original hybrid lines such as the Corleone Kush and Blackwater (both of which have the SFV OG as a parent), complemented by popular California varieties like the Tahoe and Deadhead OGs, the Cali Connection have become well known for their strong OG flavors. Just as important is the fact that they’ve routinely been able to take fabled clone-only strains and deliver them in a nearly identical viable seed form.

Though they regularly take home Cannabis Cups in both our US and Amsterdam competitions, the Cali Connection aren’t just about winning; rather, they also support the greater cause by working with breeders and growers throughout the West Coast to identify new strains that can provide the desired effects for stoners and patients alike. Look for new hybrids featuring the Chemdog lineage as well as more of the popular OGs and Sours from the Cali Connection as they aim to make you a seed offer you can’t refuse.

Visit thecaliconnectionltd.co.uk 🌿



Health Canada's stewardship of the country's medical marijuana program has been pathetic. Now the agency wants to reboot the system and make gaining access to good medicine even harder. *Story and photos by Dan Skye*



“To be governed is to be watched, inspected, spied upon, directed, law-driven, numbered, regulated, enrolled, indoctrinated, preached at, controlled, checked, estimated, valued, censured, commanded, by creatures who have neither the right nor the wisdom nor the virtue to do so.”

Thus spoke the French philosopher and politician Pierre-Joseph Proudhon about 150 years ago. But if the dude were alive today, he could have been describing the obstacles and aggravation

that politicians create for the medical marijuana industry and the patients themselves.

In Colorado, medical growers must account for every gram of the cannabis plant they harvest—leaf, stalk and bud. In Michigan, medical marijuana users are now required to store their pot in the trunk while riding in a motor vehicle. And in California, even as the State Supreme Court takes up the issue of whether cities can ban dispensaries outright, the DEA has ramped up its raids on these establishments. Despite it all, there is the universal feeling throughout

America's cannabis community that our laws are rapidly evolving, and that soon—very soon—we will see pot made legal for adult recreational use everywhere in the country.

Not so in Canada, where there seems to be a genuine regression in cannabis rights. As of September 2012, the Conservative-controlled government of anti-pot Prime Minister Stephen Harper introduced an omnibus crime bill that imposes—for the first time in Canadian history—mandatory minimum sentencing for cannabis production. Anyone caught growing from six to 200 plants

This experimental crop of an *indica* strain (7-2009) bred by MMAR might never see the light of day if Health Canada has its way.



will now receive a mandatory six- to nine-month prison sentence. The bill has stripped away the right of judges to take into account such mitigating factors as marital status, number of dependents, a clean arrest record or the community standing of the defendant when it comes to sentencing.

Medical marijuana was officially recognized in Canada back in 2001. Health Canada, the federal department responsible for health care, was compelled by the Canadian courts to create a program for medical marijuana patients, which included producing cannabis. But Health

Canada's ability to serve the country's medi-pot patients has proven abysmal. Many have had to wait months—some for more than a year—to acquire a license from Health Canada to legally possess medical cannabis. Furthermore, some doctors are cashing in by charging exorbitant fees for recommending marijuana to patients. And people who live in rural areas are often unable to find a licensed caregiver and have been forced to rely on black-market sources.

Adding insult to injury, those who rely on the marijuana that Health Canada produces find it inferior in every regard.

This single strain of unknown origin, which costs \$150 per ounce, is grown in a mineshaft in the province of Manitoba. Water in this area has been tested and found to contain high levels of chemicals from mining operations, all of them toxic to humans. The product is then adulterated by being mulched with leaves and stalks, lowering its THC level to a meager 12.5 percent, as well as a CBD total of 0.5 percent and a CBN total of zero. Equally troubling is the fact that this government strain is treated like an imported potato, passed through radiation to kill any “microbiological attributes.”



A sizable staff of trimmers keeps the MMAR machine running. This is another experimental indica strain (9-2010).

Ironically, however, Health Canada's bureaucratic bungling has enabled a vibrant industry to take root: Those who did acquire a federal license to grow cannabis have been producing outstanding medical strains, and the patients fortunate enough to hook up with these growers have been more than satisfied with the results. But now the government is seeking to get out of the pot business altogether by revoking those individual licenses and recognizing only a few dozen large commercial growers. This would be a ruinous development for the country's established legal growers—the people who, over the course of nearly a decade, have perfected their medical cannabis strains for use by medi-pot patients.

At last count, there were over 28,000 Canadians who held a license to possess medical marijuana; of that number, more than 18,000 are licensed to grow. Each grower is allowed to provide for two patients, with a maximum of four patients per address (in other words, any individual grower can have a maximum of two patients. So if you're growing for two patients, another individual at the same address can grow for another two, for a total of four patients. If there's a third grower in the house, they have to find another address).

Over time, he has devised a formula that allows patients to purchase their medicine for the astoundingly low price of \$30 per ounce.

The total indoor plant count that is permitted per grower is dependent upon a doctor's recommendation for the individual patient, who is allotted a certain number of grams per day. This translates directly into a plant count, which includes any and all stages of production, from clones to mature plants.

Derek Pedro of Hamilton, Ontario, is one such licensed grower. He received his personal production license in 2003 and started his career as a medical grower in his basement. He's endured 10 years of jumping through bureaucratic hoops to keep his operation legal and up to Health Canada's standards. In 2007, Derek was raided by police—but after nine months, all of the charges were dropped. The experience ended up only strengthening his dedication to medical cannabis: Derek started talking to journalists, retained a lawyer and initiated a civil action against the police department, which overstepped its bounds in arresting him.

Derek has refused to be treated like a criminal. Following his run-in with the law, he decided not only to serve as an

advocate and help those who couldn't—or didn't know how to—defend themselves; he also decided that he would no longer keep his work under wraps. "I wanted to be totally transparent," he says. "I opened up my company, MMAR [Medical Marijuana Alliance Resources], and started expanding rapidly, moving into greenhouses in 2009."

Derek now oversees seven different facilities comprising indoor grows, greenhouses and a seasonal outdoor garden. Over time, he has also devised a formula that allows patients to purchase their medicine for the astoundingly low price of \$30 per ounce, if grown in the greenhouse, or \$90 per ounce, if grown indoors (with the difference largely being due to lighting costs). "They're not actually purchasing cannabis from me," Derek explains. "They're paying for the location's rental, electricity, fertilizer, and the labor and expertise of the designated growers."

Naturally, MMAR has been inundated with requests on a daily basis from patients who would like to use Derek as their designated grower. The waiting



YOUR ONE STOP SHOP FOR STEALTH GROW SYSTEMS

FIND PLUG AND PLAY COMPLETE GROW BOXES OR GET WHAT YOU NEED TO BUILD IT YOURSELF AND EVEN LEARN TO GROW AT CABINETGROW.COM! GET LIFETIME GROW SUPPORT AND NO HASSLE WARRANTIES WITH ALL OUR QUALITY PRODUCTS.



Call us or visit our website to get the right supplies for your grow!

ANY SIZE
ANY STYLE
ANY BUDGET



5X5 GROW TENT



DURAMAX 360 LED



HYDROPONICS SYSTEMS



COMPLETE CO2 KITS

VISIT OUR SITE: www.cabinetgrow.com | CALL US: 888.54.HYDRO (888.544.9376) |



The only all-natural, organic CO₂ generator.



Available at
retail stores
worldwide

Boost Bucket and Pump Kit

Increase yields up to 75%!

co2boost.com

800.955.8384

SAVE YOUR STRAIN

TIRESIAS MIST



Tiresias Mist is a naturally occurring mineral mixture that allows growers to isolate a branch of a female plant and enable it to produce male characteristics (i.e. pollen sacs). Because the genetics originate from a female plant, you will only have feminized seeds. . .
GUARANTEED!

Available Online at www.DrTsRemedies.com
or at your local hydro store

100% Money Back Guarantee • 1-877-220-6478



MMAR's Blue Bliss is a hybrid specially bred to aid sleep and alleviate muscle pain.

list has been steadily getting larger, but unfortunately, these patients are told there is very little the company can do.

"We can't grow for everybody," Derek says. "I wish we could. We have to tell them that the government's regulations don't allow us due to the 4:1 patient-to-grower ratio."

Tragically, even this arrangement is set to become a thing of the past, with Health Canada planning to dismantle the nation's entire current medical marijuana program. Essentially, the agency wants out of the pot business, so in its new proposed "Marihuana for Medical Purposes Regulations," Health Canada states that it will no longer receive and process applications, issue authorizations and licenses, or continue to produce and supply marijuana for medical purposes. Instead, Health Canada proposes returning "to its traditional role of regulator rather than producer and service provider, while striking a better balance between access and

risks to public health and safety."

Under these proposed changes, which would take effect in 2014, personal-use production licenses will be eliminated, making it illegal for patients to cultivate their own marijuana. Only commercial producers would be licensed under the new system. The government foresees 50 large growers supplying the entire country, leaving caregivers like Derek to twist in the wind.

Health Canada says it expects to save an average of \$149 million annually by handing the program over to large commercial growers. But the patients end up getting the shaft: Health Canada openly states in its proposed regulations that the current \$1.80-per-gram cost for marijuana (if grown at home by people like Derek) will likely rise to \$8.80 a gram when the program takes effect. So medi-pot patients will collectively be paying an estimated \$166 million *more* per year—and thousands will be unable to afford the higher prices. These people will then be forced

Growing Simple

Derek Pedro gives some basic tips.



Derek, Gary Shapiro and Curtis Wallace are MMAR's master growers.

We grow a variety of in-house strains. They're our intellectual property, our blood and sweat. I've been collecting genetics since the '90s. We have 20 proprietary strains and 28 patients who rely on them as their daily medication.

As for soil, we amend it with a lot of sheep manure and aerate it with perlite and soilless mix. This seems to be the best combination. Our indoor fertilizers are custom-ordered in bulk at a substantial savings from Happy Hydroponics of Hamilton, Ontario. This makes it possible for us to grow our greenhouse product at a cost of 30 cents per gram and our indoor at \$1.80 per gram.

Our preferred method of cultivation is in raised beds. We utilize automated watering systems where we can water a thousand plants at our one facility in, literally, minutes.

If you've grown even one plant outdoors, you'll notice that the roots only go in about 10 inches, then start to grow as far away from the center as possible in search of nutrients. By growing in beds indoors, you get much more accelerated growth in the vegetation period. In a bed, you can put the plants into veg within 10 days, whereas if you use pots, it may take two weeks or more. So you save time that way, and your root system spreads throughout the 10- to 12-inch base and extends from one side of the bed to the other. Any nutrients you put into the bed are picked up by all of the plants; this promotes root growth. You do have some dry spots here and there, but so does nature.

Plants veg for 10 days in the beds and then are harvested at 3 to 4 feet, depending on the strain. Each raised bed has a drain hole every 18 inches; they're interconnected and run into the sewer. This makes it possible to flush each bed thoroughly, but this method is only possible if you have access to a basement. All soil from the beds is then transported out to the greenhouse farm, where it sits in a field for a year. The rain and snow can return the soil to a useable state, meaning it can be recycled for use in outdoor and greenhouse gardens.

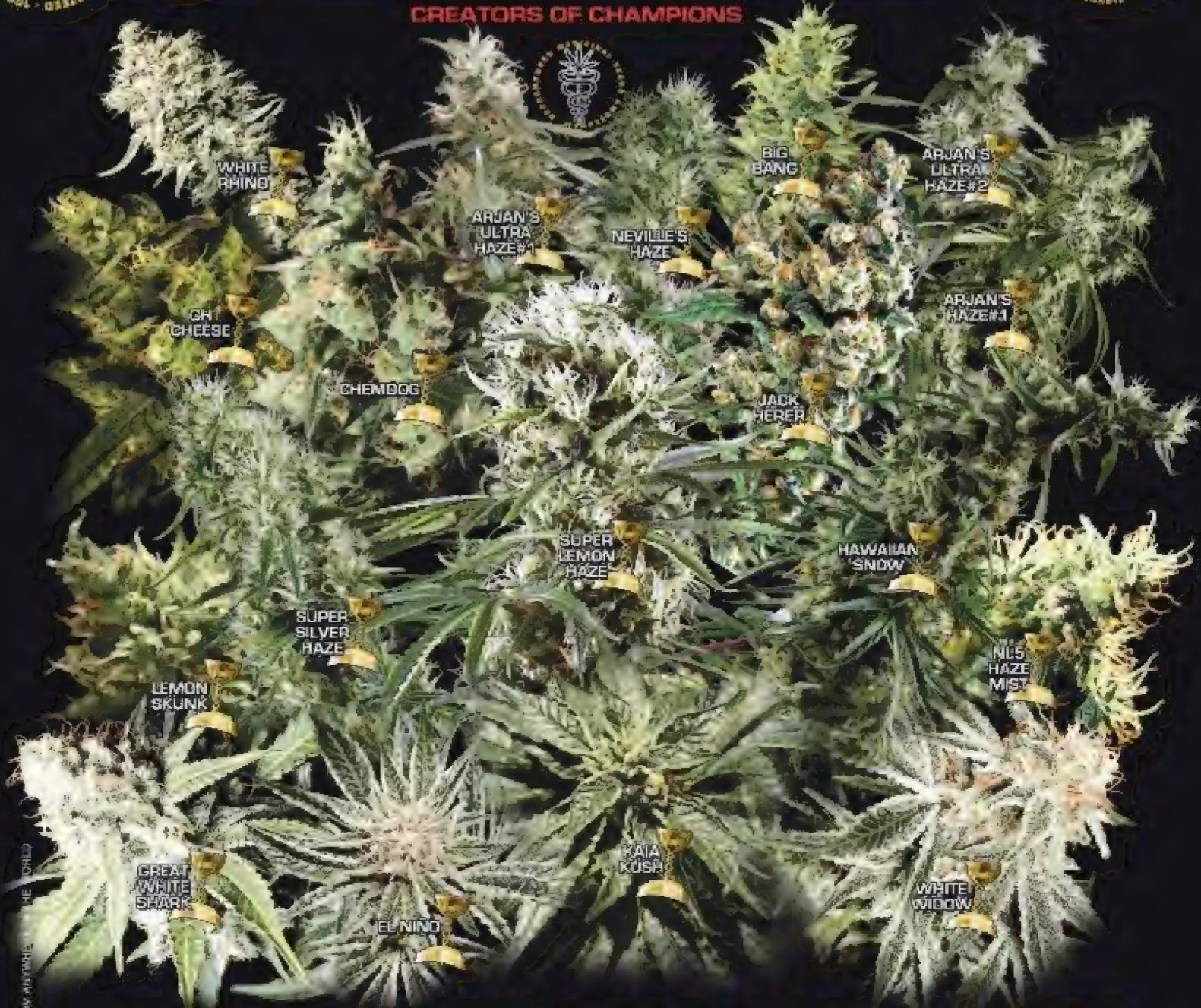
It took me 10 years to find honest, knowledgeable, caring growers such as Curtis Wallace and Gary Shapiro. Through many years of trial and tribulation, we have perfected the art of large-scale medicinal growing.



THE WORLD'S LEADING HIGH!

Green House Seed Co.®

CREATORS OF CHAMPIONS



WINNER OF 34 HIGH TIMES CANNABIS CUPS.



SCAN THIS BARCODE TO VISIT THE PORTAL
WWW.STRAINHUNTERS.COM
WWW.GREENHOUSESEEDS.NL
450AN THIS BARCODE TO VISIT THE SHOP



ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES - PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

HIGH TIMES and Cannabis Cup are trademarks of the High Times Company and used with permission.

to buy on the black market, or to return to pharmaceuticals, or to risk growing illegally and being found guilty under the new mandatory minimum regime.

Derek doesn't like to think about the impact that the new program would have on him. If it's approved, the hundreds of thousands of dollars he has invested (and, more importantly, *borrowed*) to make MMAR a top-flight medical cannabis provider will go down the drain. He currently has a 110-light facility approved by Canada's Electrical Safety Authority, with a total of 7,000 square feet of growing space. The municipal police have done walkthroughs of it twice, and their opinions have only been favorable.

"It's amazing that our government can have such disregard for patients and businesses," Derek says. "We have worked hard to build ourselves into a responsible, economically viable entity and have followed Health Canada's guidelines to the letter. And now, because Health Canada has mismanaged the program from the get-go, we patients and caregivers are the ones who stand to be penalized."

But Canadians are fighting back. A coalition has formed to address the problems created by the proposed regulations. Led by activist Jason Wilcox



MMAR uses pounds of trim for edibles.

and attorney John Conroy, a veteran marijuana-law defense lawyer and civil-liberties expert, the MMAR DPL/PPL Coalition Against Repeal has over 3,400 members across Canada working to keep the current program in place, prevent the new regulations from becoming law and, if

that worst-case scenario does happen, file a class-action lawsuit against the government. (Personal-production and patient-designated producers—current and future—are encouraged to fill out an impact statement on the coalition's website.)

"This is my life's work," Derek says. "This is it. First and foremost, I'm an advocate, and I want to make sure we continue this. I have a conscience, but I want this to be very clear: If by some chance John Conroy fails and we can't get an injunction to stop this, I'll try to get a commercial license—because I have no choice. I can't give up on the one thing I am most passionate about."

In other words, if he can't beat them, he'll have to join them. "If I have to go to court to get one, then I will," Derek says. "Thank God we have a Constitution, because no judge can agree that patients who have been forced to suspend treatment because of the cost of their medicine—and who have suffered because of it—is a good thing. In the end, I still want to offer the best quality at the cheapest price." 🌿

For more information, visit mmar.ca and mmarcoalitionagainstrepeal.com.

See MMAR's massive greenhouse.
hightimes.com/mmar



Reigning GROW BOX of the YEAR!

Completely Turn-Key and Fully Automated; Just add Seeds and Water to be an instant Grow Expert!

- ✓ POTENT YET EASY TO USE HYDROPONIC SYSTEM
- ✓ WHISPER QUIET!
- ✓ 100% OF LIGHT BLOCKED INSIDE
- ✓ CO2 SYSTEM
- ✓ AUTOMATED PH ADJUSTER AVAILABLE!

100% ODOR CONTROL GUARANTEED

ACTECHWI.COM

PH: (715) 514-3399



Stanley 334 Ultimate

Know the best & wear your Knowledge



Original Custom Comfort tee
and "K Bud" cover

A symbol of quality
- and clothing
for the 420 connoisseur



available at

KINGOFQUALITY.COM

King of Quality™, the Card logo and the K Bud logo are the trademarks of CAPSTONE Concepts & Design, Inc.

ITAL HEMP WICK

ItalHempwick.com

MADE with ORGANIC HEMP and BEESWAX

- An all Natural Hemp Smoking Wick.
- Allows for Full Flavored Smoke.
- Keep it clean Healthy and Butane Free.
- A Must for all Smoking Enthusiasts.

Available at better smoke shops Nation Wide.
FOR A FREE SAMPLE: Check out the website or Send a self addressed stamped envelope to:
I-Tal Hemp Wick Dept. HT, P.O. Box 525
Keelekeon, HI 96750

the original
I-TAL HEMP WICK
MADE WITH ORGANIC HEMP & BEESWAX

Find us on Facebook

Inventors of prize winning systems

POLLINATOR
The home of homemade hash since 1994

Bubbleator

The quickest route from trash to stash!

Get ready

Start your run

5 minutes later

Create prize worthy resin using the original Amsterdam

Pollinator Company
Nieuwe Herengracht 25
1011 RL Amsterdam
The Netherlands
[t] +31-20-4708889
[f] +31-20-4715242
[w] www.pollinator.nl
[e] info@pollinator.nl

Ice-O-Lator Pollinator

The Art & Science of Cleaning Concentrates

Part 2: Organic Budder

In this second part of our exclusive concentrate series, we bring you the Budderking's recipe for creating clean, butane-free concentrates.

By K. of Trichome Technologies & Mel Frank. Photos by Budderking



This procedure, which we will refer to here as “Method II,” comes directly from the Budderking himself. For many years, Budderking has produced some of the world’s most amazing concentrates (a.k.a. botanical drug substances or BDS). In fact, he coined the word *budder*, and had been making it long before most people even knew it could exist in such a pure, flavorful form. Now, given the increasing popularity of concentrates, Budderking has generously decided to reveal his methods so that we can share them with

the world at large. When he first created budder, it was a revolutionary step, since it’s a completely organic method of extraction that yields a very potent product. Many others have performed the same extraction process, but Budderking was the first and deserves due credit. Here, his process is simply scaled up and refined for efficiency purposes.

Basically, Budderking’s method is an organic *ethanol alcohol wash*, performed very quickly so that minimal contaminate (chlorophyll) is dissolved into the extract, which can turn the fluid green and not golden as desired. Almost all of

the information in this article came from Budderking himself, and the only thing he requested in return was that we ask Pete Brady to contact him, since Pete performed some of the original budder experiments with him and wrote articles about the result.

For Method II, the frozen buds must first be removed from their stems and allowed to sit out until dry—*very* dry, crispy dry (as Budderking puts it, “Dry as a bone”). All of the gear needed for the first step in this process is common kitchenware: a sieve or large strainer, two large coffee filters, and a container

large enough to catch the filtered fluid.

This first step is best done in a freezer. Suspend the two coffee filters (fitted into each other) over the top of the container and fill them three-quarters full with dried, slightly broken-up buds. Next, use 190-proof organic grape spirits (from organicalcohol.com), which should have been stored in the freezer. This organic grape alcohol is the purest and finest we've seen, and it has a sweet nectar smell with very little essence of alcohol.

This process requires two and a half gallons of alcohol per pound of cannabis. While the container is still in the freezer, pour the alcohol over the top of the buds, making sure to cover them completely. Pour it fairly rapidly until the coffee filters are filled and then close the freezer door. After about five minutes, open the door and repeat the wash process by pouring alcohol over the buds and then closing the door. Repeat this process five times. After five washes, the quality will rapidly diminish and chlorophyll and other unwanted contaminants will begin to darken the fluid.

Throughout the extraction process, everything should be kept at or below freezing—but if that isn't possible, everything must be kept at a *maximum* of 65°F; warmer than that and excessive contaminants wash from the buds and pass through the filters. If you prefer, you can separate all five washes into separate containers to get five grades of quality (the first being the best, the second being second-best and so on).

The collected alcohol/concentrate solution then needs to be evaporated. Pour the solution into an 11" x 15" aluminum pan or glass dish lined with parchment paper. Place the dish in front of a fan in a well-ventilated area with *absolutely no ignition source*, as evaporated alcohol is *very flammable and unhealthy to breathe*; for these reasons, we always advise doing the evaporation outdoors in shade. Place washable plastic filters (the kind used for in-window air-conditioners) over the dish to prevent unwanted dust, insects and debris from settling on your solution. A double boiler can be used to speed up the evaporation process, but *never* heat the water to boiling or exceed a temperature of 200°F, and never exceed a temperature of 120°F in the evaporating solution. Also, don't try to rush things by heating indoors: A little bit of patience results in much safer procedures. A downdraft fan can speed up the evaporation as well.



1. After extraction, the solution is a tincture containing cannabinoids (THC) and terpenes dissolved in the alcohol. From here, winterize or begin evaporation.
2. Pour the solution into a glass dish or onto parchment paper for evaporation. The dish can be steam-heated or fans used to expedite evaporation.
3. Steam heat beneath the dish hastens evaporation. Never use an open flame.
4. Evaporation is complete when the concentrate hardens and can be scraped together. Be patient, as it will take much longer to whip into budder if not completely evaporated.
5. After scraping together, the concentrate will be somewhat fluid if still warm. If not, warm on a hotplate to prepare for whipping.



To evaporate large quantities of concentrate, you can use a 4' x 4' or 4' x 8' grow tray partially filled with water and then circulate the water through an on-demand water heater (available at any hardware store). *The water heater must be kept a minimum of 50 feet away from the evaporation dish to prevent fires.* Multiple dishes can then be placed in hot water all at once to accelerate processing large quantities. Wait for a complete evaporation of the alcohol with only a slight amount of water left, which will sit on top of the concentrate. But you must have complete evaporation, so continue fan-drying until all of the residual water is gone. When applying heat, never do so for too long or use excessively high heat or you will not get budder. At the same time, too short a heating process or under-evaporating will also result in poor quality product. It takes effort and experience to develop a successful routine, but patience is always the safest policy.

So, once again, let the solution sit and evaporate on low heat. Excessive heat will remove the volatile essential oils responsible for the flavors and fragrances of the concentrate. If the color of the fluid or product begins to darken, the heat is too high. Lower temperatures work best: 113°F seems optimal (and to repeat, do not heat above 120°F). When complete evaporation is achieved, the layer of concentrate on the parchment paper will be sticky or tacky; if it's oily or runny, the evaporation is not complete.

Once the concentrate is sticky or tacky, place it on parchment paper into the vacuum drying oven. The apparatus I recommend for this step is the Model V vacuum drying oven from *acrossinternational.com*, along with the vacuum pump/cold trap and bellows available in the K-package from *vacuumpumpsupply.com*. The vacuum in the chamber is reduced to 8 millitorr, and the oven temperature is brought up to 50°C on the oven readout. The cold trap is utilized to catch any alcohol and water that would otherwise contaminate the pump oil and weaken the vacuum pull (and possibly rust the inside of the vacuum pump, ultimately leading to failure). You can place either liquid nitrogen into the top chamber of the cold trap or dry ice into the bottom chamber, or utilize both chambers to ensure that any remaining alcohol and moisture is caught. After pulling an 8 millitorr vacuum at 50°C, the degassing and drying is complete.



Making Budder

Extract artists like Budderking prefer the texture of a concrete/budder over an absolute/glass (for a discussion of these terms, see Part 1 of this article in July '13). But whether you make absolute/glass using Method I or Method II, a form of budder can be achieved from either by whipping the result.

For small batches, Budderking evaporates the solvent in a glass dish using hot water and air movement. After evaporation, he scrapes the concentrate into a mass and dries it by placing the dish into a convection oven pre-warmed to 160°F. After 15 minutes, he removes the dish to cool for about an hour at room temperature. He scrapes the cooled concentrate from the dish using large, properly cleaned razor blades and collects the concentrate into one mass. If the concentrate is dried onto parchment paper in a vacuum drying oven, the paper is folded so that the concentrate sticks to itself and then pulled from the paper to form one large mass.

After drying (using either method), place the mass of concentrate into a glass bowl. Budderking's procedure for whipping is as follows: First, he places the glass bowl with its concentrate mass into a convection oven pre-warmed to 160°F for 15 minutes. After removing it and allowing it to cool to the point where it's just warm, he starts whipping. He wraps a lint-free towel around a handheld drill to keep debris from the drill's motor brushes from dropping into the concentrate. Then he replaces the drill bit with a round-tipped dental spatula and whips the warm concentrate thoroughly by running the drill for 10 to 15 minutes. The concentrate slowly becomes lighter in color and eventually turns blond/semi-white, hardening as it cools. He continues this rapid stirring until the concentrate becomes drier and

6. Use a drill fitted with a dental spatula at high speed to make whipping easy and thorough. Periodically warm on the hot plate while whipping, but do not overheat. If comfortable in your hand, it is not overheated.

7. It takes time to become budder, but color and consistency will slowly change; be patient and repeatedly warm and stir thoroughly and evenly.

8. Color becomes lighter and consistency becomes thicker during whipping. Be careful with the drill not to fling concentrate everywhere.

9. Properly whipped budder is near blond before drying. Once it cools a little and thickens, it must be transferred to another container for drying and easier collection.

10. Undried budder should be thick, not runny. Drying is done on parchment paper in a vacuum drying oven or in silicone baking dishes as Budderking does.

1st PLACE

CANNAFEST

New
Arrivals!

FIRST PLACE
HIGH TIMES

#1

WWW.ATMOSRX.COM
1-855-44-ATMOS



Bullet-2-Co Kit
for dry and waxy oils.

WE HAVE VAPORIZERS FOR EVERY STATE OF MIND.



From left: The easiest and simplest drying and collection of large quantities is done in silicone muffin dishes; these dishes cool quickly and, to process large quantities, can be cooled even quicker in a freezer for faster reusing.

less sticky. It is then placed briefly back into the pre-warmed convection oven, again at 160°F, but only for three to five minutes before removing.

When allowed to cool, the concentrate will dry to budder. If the concentrate fails to become budder, you can always try the process again—reheat, whip and cool—to see if it dries, hardens and becomes lighter, with a color that resembles butter. (If it doesn't, you may have overheated or burned the concentrate; it will darken, and the result will not be budder.) The whipping can also be done in silicone dishes for easier collection. After the reheating and final

drying, you should place the concentrate into a freezer to cool for easier collection. (It will not stick to the silicone dishes.)

The biggest factors that will determine the final color of the concentrate are as follows:

Harvest times. Harvesting cannabis on the early side makes for lighter shades of concentrate, while older, later-harvested cannabis results in darker ones.

Heat. Overheating the concentrate (either for too long or at excessive temps) will darken and weaken the final product.

Light. Cannabis exposed to excessive light will produce darker concentrate. Always manicure buds under artificial

light (or in shade—not sunlight) and dry them in darkness. Light will degrade cannabinoids and terpenes, and the result is a less potent and darker-colored concentrate. Indeed, GW Pharmaceuticals recommends exposing cannabis only to amber light after harvest, since amber light will not darken or oxidize the trichome contents. Therefore, the recommended method is to make concentrates only under amber or subdued light.

Age. The older the cannabis is, the darker the concentrate will be. To slow down aging, fresh-freeze cannabis using dry nitrogen gas to replace the oxygen in the storage containers.

As mentioned earlier, the timing of the harvest is important. For example, monitoring THC accumulation in the buds from a single plant, we found that the THC increased from 12% to more than 20% over a three-week period, followed by a plateau for another two weeks before it slowly began to diminish.

Also, the longer cannabinoids stay in the suspension fluid, the darker the fluid will become, and the darker your concentrate will be as a result. So always remove the concentrate from the fluid as soon as possible.

Patented Diffuser System

Built into each individual piece for added smoothness and enhanced flavor



ESSENTIALLY THE BEST.

ESSENTIALLY THE BEST.

Purest Titanium

No extra alloys makes these the healthiest option



Interchangeable Heads



www.DabEssentials.com
 Phone: 408.723.2305
info@dabessentials.com

The Original Honey Bee Extractors

**The Best Way
to
Nab Your Dab!**

The Honey Bee



**The
NEW
GLASS
Killer Bee
In 3 Sizes!!!**



**100% Honey Oil
From the Trim!**

The Queen Bee



**ORDER ONLINE TODAY at
WWW.BUZZNN.CA**

**OR CALL 1-204-415-5724!
WHOLESALERS WANTED!**

Suggestions Worth a Further Look by Professionals

1.) *Lyophilization* allows you to freeze-dry the extract instead of adding heat during drying; this is freeze-drying under vacuum.

2.) *Sublimation* (a.k.a. *phase transition*) is the transition of a substance from an absolute phase to a gaseous phase without passing through an intermediate liquid phase. This process might be used to capture specific cannabinoids and essential oils on a *cold finger*.

3.) *Fractionation* (or *fractional distillation*) is the process of separating mixtures of liquids and gasses by utilizing differences in boiling points. Used with *rotovaporization*, this process could allow for the separation of terpenoids from cannabinoids.

4.) *Steam distillation*, a type of separation process for temperature-sensitive materials, could be useful in capturing aromatic cannabis compounds.

After drying and cooling, 400 grams of muffin-shaped budder just pops out of the dish.



All of the processes mentioned above merit a serious look by professional extract artists, since they might enable us to separate beneficial compounds such as pure THCA, THCV, CBD, etc., allowing further investigation into the beneficial effects of each. This is science, not “blasting from a can.”

In Conclusion

In order to secure and preserve its legitimacy, the concentrate industry must learn to self-regulate, educate its practitioners, and promote safe means of manufacturing as well as healthy means of ingestion. The industry has entered a stage in which marijuana concentrates are becoming increasingly popular for both medicinal and recreational purposes. We can make pure products with very specific and exacting percentages of specific cannabinoids only through collaborations with reliable professional labs. But if careless fools keep blowing up their houses, the industry as a whole will suffer—and our

fear is that, as legalization progresses, concentrate manufacturers and consumers will experience a backlash caused by sensational media hype, possibly even leading to laws prohibiting all concentrate manufacturing and consumption.

And we don't want that to happen, because all of us would lose. ✨

The Video the Pharmaceutical Companies Hope You'll Never See

Cannabis Concentrates Tutorial

SHATTER

BUDDER

HONEYCOMB

AMBER GLASS

EARWAX

Does your honey oil look like this?

Tested at 77-85% Pure THC

Learn the Alchemy Science Secrets

For Product Information and Ordering, Visit us at

www.medicinalalchemy.com

Anonymous Purchase Option Available

Warning: The methods explained in this DVD utilize solvents which include butane. This dvd is sold for informational purposes only.

Over 90 minutes of 'concentrated' Info

Oil Slick



tools to help you **concentrate**




www.oilslickpad.com

 Oil Slick Pad
  Oil Slick Doo
  Slick Sheet
  Slick Balls
  Slick Ball Nibs
  Slick Crack



DENVER'S BEST DISPENSARY



WE ARE HERE FOR THE PEOPLE PATIENTS BEFORE PROFITS

400MG BROWNIES - CHEEBAH CHEWS - PRE ROLLS - 420 DRINKS
CLONES - TINCTURES - SALVES - OILS - LOTIONS
RICE CRISPY TREATS - PEANUT BUTTER - WAX - HASH

**OPEN 7 DAYS A WEEK!!!
3 GREAT LOCATIONS**

2426 S. Federal Blvd Denver, CO 80219 (303) 493-1787	543 Bryant St Denver, CO 80204 (303) 996-9922	4401 Zenobia St Denver, CO 80212 (303) 433-9333
--	---	---

8:00AM - 7:00PM DAILY

www.mmjamerica.com




**BEST PRODUCT
BEST PRICES**

Hours of Operation:
Monday - Friday 9am - 7pm
Saturday 10am - 6pm
Sunday (NOW OPEN) 12pm - 6pm

NEW LOCATION COMING SOON!!!

Downtown 2042 Arapahoe St Denver, CO 80205 720.242.9308	Golden Triangle 1321 Eliot St Denver, CO 80204 303.999.0664	Boulder 1909 Broadway St Boulder, CO 80302 303.862.4064
---	---	---



by MARY OUGHT SIX
photos by KATY WINN

ADRIAN GRENIER

THE HIGH TIMES INTERVIEW

BEST KNOWN FOR HIS ROLE AS VINCENT CHASE, THE LAIDBACK HEARTTHROB MOVIE STAR AT THE CENTER OF HBO'S HIT SERIES *ENTOURAGE*, ADRIAN GRENIER IS ALSO AN ACTIVE, MULTI-INSTRUMENT-ROCKING MUSICIAN, A PART-TIME BROOKLYN-BASED BAND PROMOTER AND AN AVID ENVIRONMENTALIST. ADDITIONALLY, HE PRODUCES DOCUMENTARY MOVIES—AND HIS LATEST, *HOW TO MAKE MONEY SELLING DRUGS*, DIRECTED BY OSCAR-NOMINATED FILMMAKER MATTHEW COOKE, SOUNDS LIKE IT JUST MIGHT BE UP *HT*'S ALLEY, RIGHT?

THE FILM IS A WIDE-RANGING ROMP THROUGH THE RANKS OF DRUG-LORDING, COVERING THE ROLE THAT PARTY SUPPLIERS, CORNER DEALERS AND MIDDLEMEN PLAY AS WELL AS THE KINGPINS AND CARTELS. IT FEATURES ADVICE FROM PLAYERS WHO KNOW THE GAME PERHAPS A BIT TOO WELL AND INCLUDES A SIMPLE 10-STEP PLAN ON HOW TO GROW YOUR OWN ILLEGAL BUSINESS FROM THE GROUND UP IN A TOUGH ECONOMY. THE DOC ALSO FEATURES SOME FAMILIAR SHOW-BIZ NAMES, INCLUDING 50 CENT (WHO OPENS UP ABOUT SLINGING AS A KID), WOODY HARRELSON, EMINEM AND SUSAN SARANDON.

BUT ADRIAN'S NOT ACTUALLY OUT TO PROMOTE CANNABIS CULTURE OR DRUG USE. INSTEAD, HE'S HERE TO OFFER *HIGH TIMES* HIS PERSPECTIVE ON THE IMPORTANCE OF "BALANCE."

The title of your film may mislead some people. What would you like audiences to take away from a movie called *How to Make Money Selling Drugs*?

At the end of the day, what we're trying to bring attention to is how the War on Drugs has utterly failed, and how it's being maintained for the wrong reasons. Its premise is to protect us from drug abuse and the violence associated with drug dealing, but the reality is that it does none of those things. So I don't want to give it all away, but cut to the end of the movie and that's pretty much the lesson that you learn.

The documentary offers a very balanced, even humorous window into what selling drugs truly entails.

Matthew [Cooke] and all of us behind the film are not bleeding hearts; we're people who understand the language of other young people, and how much people in general have indulged in the sensational media around the Drug War, like the romanticization of drug dealers through film. I think on some level we're highlighting that.

How so?

We're demonstrating, we're building upon, the sensationalism that we've grown accustomed to: on the one hand, the romanticization of dealing drugs—Tony Montana [from *Scarface*], or drug use generally—juxtaposed with this War on Drugs and the distinctive assumption of drugs being bad or evil that has been fed to us through the War

on Drugs propaganda machine. And that takes us to the film: It provides a nice balance—it reflects a *collective* feeling on the issue.

Were you involved with the film from the ground up?

Yeah, even *before* that. I remember, the first time I met Matthew—the first time we ever hung out—I was at his house, and he had an idea board. On the idea board, there was one card with the title "How to Make Money Selling Drugs." Of all the things he had up there, that was the one that caught my eye.

I asked him about it, and he told me he wanted to make a film about how costly the War on Drugs is, and the irony of how you never actually make any money on the War on Drugs, how you lose out entirely instead. I said, "That's an amazing story to tell—and that's an amazing title, because it's going to catch people's attention."

You have legalization advocates like Woody Harrelson and 50 Cent on board. You also have some surprising names, like Susan Sarandon, who made very poignant points.

This is definitely a fun film, but it has also serious information and some very poignant lessons. I think we can have the best of both worlds: We can sit for two hours and not be preached to; we can enjoy a film that isn't just finger-wagging and learn about the perils of the Drug War, as well as have some lighthearted moments to keep it paced right.



In the past, you've said that documentaries are the most vital and important form of filmmaking.

I think films are supposed to reflect something of the human condition; they're supposed to inspire and give us an opportunity to look at who we are, an opportunity to engage more fully with life and community—and also, on some level, to give us a bit of leadership and purpose. So while film *can* do that because there's that fictional element, I think maybe there's too much of a division between the audience and the storytelling. I think that, often, people just miss it.

With documentaries, because they're based in reality and have real people with real stories telling them firsthand and in the first person, it sort of breaks down that wall—it gives important information that can be very helpful for an audience paying attention. The only problem is that a lot of documentaries don't get the attention they deserve, because I think people perceive them as being homework or as being a chore to watch. So our job as filmmakers is to find a way to break that illusion and provide films that can work on all different levels—not just an entertainment level, but also on an important educational level.

After having made this film and educated yourself more about the War on Drugs, do you think that the legalization of marijuana would have an impact on it?

There is no War on Drugs if they're legal. If you have to demonize drugs and their users in order to justify a war against them, it's just If you talk to people, they fear talking honestly about the subject. Public figures fear speaking about the injustices of the War on Drugs. It just goes to show the wholehearted brainwashing that's occurred because of



"It's very important to have an honest and realistic conversation about drugs."

the War on Drugs propaganda machine.

Did you run into these problems while making the film?

I had a lot of work to do in order to get people to talk about it. I had to do some soul-searching myself, being in the public eye, and figure out how I was able, in good conscience, to speak out or speak up honestly about the *real* conversation behind all of this. It's so easy to protect yourself behind the status quo and not go up against what everybody has come to believe as being so absolutely factual—which is that "drugs" equals "evil" or "bad." When you scratch just slightly below the surface and start to have that *other* conversation, you realize it's a lot more complicated than that. But the only way to protect people from the pitfalls of drug abuse and the violence of

the drug industry is by having that other conversation—the difficult conversation about what's *really* the most effective way of protecting people from drug abuse and drug addiction.

Your mother and father met in a commune. Does that equate to being raised in a more drug-friendly environment, and therefore having a more open dialogue about drug use?

Don't believe all the propaganda—including Wikipedia! It wasn't a commune; it was called the Pumpkin Hollow Farm. It was a theosophical society. It was like a camp, I guess, for the exploration of mysticism, the occult, spiritual practices and philosophies. So it wasn't a commune per se. I can't say there wasn't commune-like activity taking place—but I wasn't there, so I don't know.

Right. Still, spiritual exploration could certainly translate into psychedelic use—or marijuana use.

Look, it was the 1960s. I think in the '60s, there was maybe a very naïve opinion of drugs, a sense that you could do them indefinitely all day long and everything's free and there are no limitations to life, sexually or otherwise. And we all know what happened there: People had a cold blast of reality and realized that life doesn't work that way. Life is a balance, and you can't just be indiscriminate or go totally off the deep end.

So your home life must have been pretty balanced, then.

I know that when my mom talks to me about drugs now, she says, "Look, we all explored and experimented, and it's not entirely bad—but it's also not entirely good." There *is* such a thing as addiction and drug abuse, and a lot of times, deaths are associated with those abuses; families are broken up. I have family members who are alcoholics and drug addicts, and I'll tell you, it's not a pretty story. It's a scary story, an unfortunate story.

So it's very important to have an honest and realistic conversation about drugs, and that doesn't just include railing against the violence created by the War on Drugs and perpetrated by our government. We have to have that really heartfelt conversation about the violence that drug addiction can bring to a person, their family and their community. We have to have a holistic, meaningful exploration collectively, on a national level, about how we're going to make sure that we can, first, overcome the War on Drugs, which is distracting from the real issues at hand, and second, put in the effort of addressing those real issues, which are still there regardless of the War on Drugs.



Buddha
s e e d s

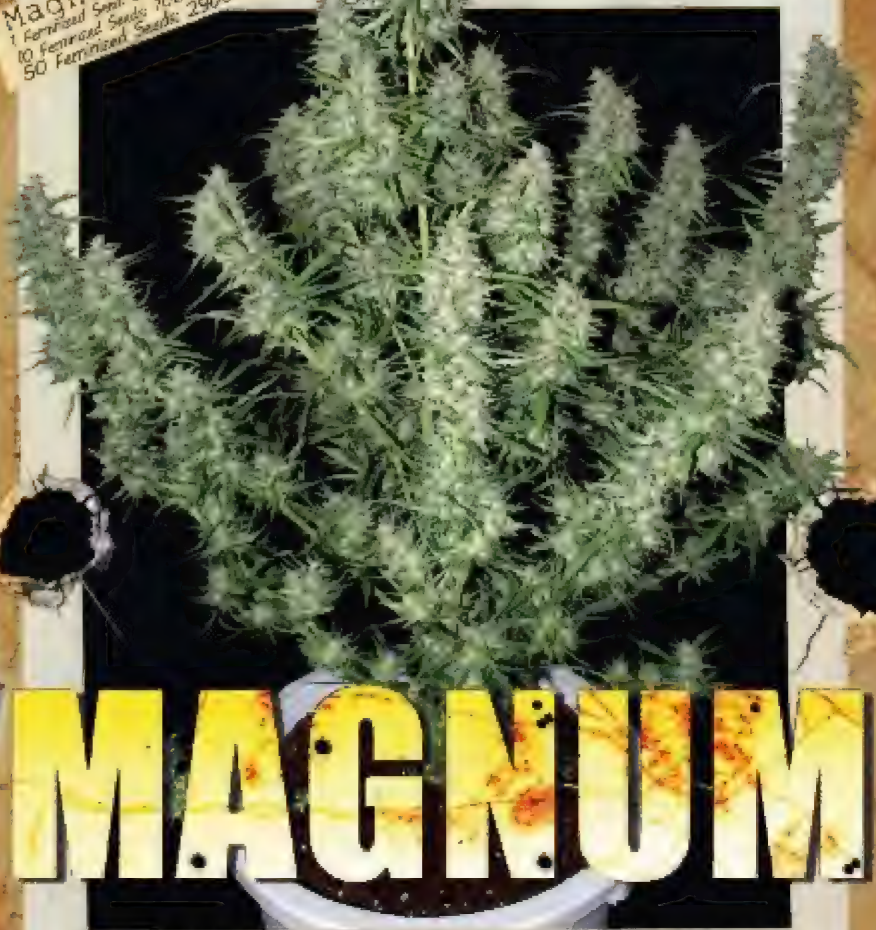


NEW PACKAGING!

DIVISIBLE BLISTERS!!
MAKE YOUR OWN PACK OF SEEDS

NEW!!

Magnum
1 Feminized Seed: 8€
10 Feminized Seeds: 70€
50 Feminized Seeds: 290€



MAGNUM

THE MOST POWERFULL AND PRODUCTIVE AUTO
THAT HAS EVER EXISTED

Autoflowering



White Dwarf

1 Feminized Seed: 7€
10 Feminized Seeds: 60€
50 Feminized Seeds: 245€

Autoflowering



Red Dwarf

1 Feminized Seed: 6€
10 Feminized Seeds: 52,50€
50 Feminized Seeds: 215€

Autoflowering



Deimos

1 Feminized Seed: 8€
10 Feminized Seeds: 70€
50 Feminized Seeds: 290€

Autoflowering



Syrup

1 Feminized Seed: 7€
10 Feminized Seeds: 60€
50 Feminized Seeds: 245€

Autoflowering



B.Purple Kush

1 Feminized Seed: 7€
10 Feminized Seeds: 60€
50 Feminized Seeds: 245€

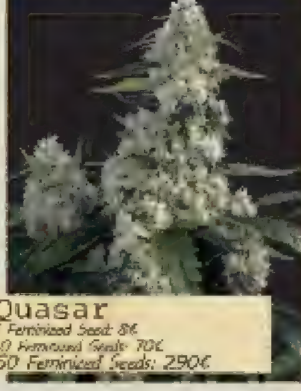
Autoflowering



Assorted Auto

10 Feminized Seeds: 35€
50 Feminized Seeds: 145€

Autoflowering



Quasar

1 Feminized Seed: 8€
10 Feminized Seeds: 70€
50 Feminized Seeds: 290€

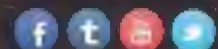
Autoflowering



Pulsar

1 Feminized Seed: 8€
10 Feminized Seeds: 70€
50 Feminized Seeds: 290€

www.buddhaseedbank.com



ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES - PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD.

SUPERCLOSET

#1 Selling Grow Boxes in the World



SuperLocker

66"h x 15"w x 24"d

- Slim design fits anywhere
- Fully Automated, leave for up to a week at a time
- Grow up to 8 plants in the SuperPonics System
- Clone up to 14 plants in the SuperCloner
- Always be growing with Continual Harvest Rotation



www.supercloset.com

P.O. Box 883663 ph. +877. 476. 9787
San Francisco, CA 94188 Fax. +415. 285. 0301

How do you view drugs?

I think that drugs certainly have their place, and they can be very useful—not only medically but socially, on some level. And they certainly can play an important role in one's growth as a human being. Of course, balance is the key to everything in life—and that includes psychotropic drugs, mind-altering drugs, but also drugs that don't provide that same effect.

Like over-the-counter meds?

I think we need to look at the entire spectrum of how we use and utilize drugs in this country. Everyone is different, so everything needs to be dealt with in its own way—and that includes individual human beings. Not every drug addict is built the same way, just as not everybody who smokes a joint is smoking for the same reasons. So I think that as we become more sophisticated in how we deal with the issue of drugs, we can become more nuanced in how we address the individual case by case. Because a broad, violent approach called the *War on Drugs* is like trying to kill a mosquito with an atom bomb.

Do you smoke marijuana?

I honestly have ... on occasion, I have enjoyed a little marijuana.

Listen, I don't want to advocate or become a poster boy for smoking pot—although one might argue that I already am by my role on *Entourage*. I certainly want to be very, very clear that I'm not *advocating* the use of marijuana.

How about "condoning"?

Like alcohol, it has to be used responsibly—and, again like alcohol, one needs to make sure that young people develop their minds fully before utilizing drugs. I'm sure that you guys at *High Times* are very conscientious about the responsibility that you have—not just as in asking "Why are we advocating?" but also as in having a balanced approach to responsibility.

Eminem and a couple of other people in the film spoke about prescription drugs and their addiction to them. Do you see cartel-like behavior from some of these pharmaceutical companies?

It's a problem, and it's been totally condoned and advocated by the legal drug industry. That's why I don't think out-and-out legalization is an answer; drugs have to be respected and appreciated. Blind promotion and usage is a

problem—particularly with prescription pills, because they don't have that stigma. And because doctors condone their use, it's easy to hide. So yeah, it's a huge problem—especially when you get young kids addicted early. It's a very scary problem.

Do you have any personal experience with the problem?

I'm very lucky that, as open-minded as my mother was, when the doctor wanted to prescribe me ADHD medicine—I guess I was at that age when I was moody and thirteen, going through puberty, whatever—my mother rejected it. And I'm so thankful she did, because who knows what would have happened had she gone along with that program? I'm happy to say that I've never done *any* prescription pills—not even recreationally, not even just to try them. I've never been into doing pills generally. I think they scare me in a lot of ways because they're synthetic, because they're man-made. I guess I look upon them with a little caution.

As an Obama supporter, do you think that his administration has taken positive steps to put a dent in the War on Drugs?

Well, he admitted he inhaled—that's a step. Seriously, I think it's ridiculous that people can't even admit that much.

The movie covers the unfair and disproportionate prison sentences for blacks and Latinos. How do we change that?

It's going to take public outrage, and I think we're closer to a reasonable solution than we think. We've seen a lot of positive changes—there are a lot of groups and organizations; there's a lot of positive will. I think we're going to see a movement among the citizens to demand a more reasonable approach than the War on Drugs—especially in this economy, at a time when we can't even afford to pay for school.

Health care, mental health care, is now on the public radar. We're not really addressing mental health in America; we're not spending the money to take care of our citizens on a real level. We're spending money to have the police violently break into their houses and put them in jail. We're spending money to keep them in jail for nonviolent, peaceful and personal activities. I think the outrage will grow into an outcry ... because all that wasted money could have been spent on more important things.

Like on treatment rather than on incarceration?

Absolutely. 🌱

BETTER WATER = BETTER YIELD



TAP MASTER™ ARTESIAN HYDROGARDENER™ REMINERALIZING REVERSE OSMOSIS (RO) WATER FILTRATION SYSTEM

- Removes 98% chlorine, chemicals, heavy metals, and hardness
- Adds 15-30 ppm cal/mag
- 150 gallons per day production; 2:1 waste ratio
- Filtration to 0.001 microns
- Modular Filters for easy service
- Non-electric pump reduces water waste up to 80%*

1.877.693.7873

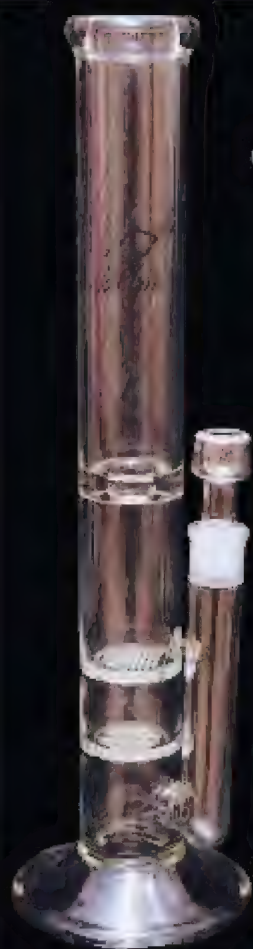
www.ThePerfectWater.com

*Hydrogardener Pro™ Model



Alpine Glass

Available Exclusively at
J&S Glass in Pittsburgh, Pennsylvania,
G&J Glass in Boca Raton, Florida
and
Online at HeadShopStop.com



For Alpine Glass Wholesale
Inquiries Call Us at (412) 422-6361
Online at AlpineGlassInc.com

HEY ..you
STOP!

Concentrate Dredgers
Vaporizers
Cleaners
Pipes
Water Pipes
Bubblers
Kratom
Green Glass Clean
Back Attack
Green Air Clean
and so much more more!

HEADSHOPSTOP
YOUR ONE STOP ONLINE Head Shop

VISIT US ONLINE AT:
www.headshopstop.com



Celebrating 40 Years in Business!

The EZ Gro Mushroomkit is the easiest way to grow your own mushrooms...

EZ Gro Mushroomkit

Only TWO EASY steps

1. Mix the grain and Psilocybe Cubensis spores together without ever having to open the sterilized bag.
2. Once the grain has been colonized, mix it with the bag of compost.

That's all there is to it!

- Put the kit in a warm place
- Wait a couple of weeks for your mushrooms to start growing.
- No need to water it or even look at it.
- Just go away and leave it alone
- The mushrooms grow automatically.

It's that simple!

We include:

- Complete instructions with color photos

PLUS:

- A free DVD shows everything you need to know
- Awesome videos of mushroom farms in Holland



The EZ Gro Mushroomkit

Includes everything you need:

- Psilocybe Cubensis spores
- Grain bag
- Our world famous blend of Kow-A-Nite Compost in its own filtered growbag.

EZ Grow Mushroomkit
Just \$135

[price includes shipping]

For more photos visit www.Facebook.com/HomesteadBookCompany

HOMESTEAD
BOOK COMPANY

P.O. Box 17444, Seattle, WA 98127

☐ **EZ Gro MushroomKit. \$135**

2-step grow-it-yourself kit includes Psilocybe cubensis spores and shipping. Sorry, not sold outside the USA.

☐ **The Mushroom Cultivator \$40**

The biggest and best book ever published on growing mushrooms, 400 pages,color photos.

Order Toll-Free at 800-426-6777 or online at www.homesteadbook.com/mushroomkit or mail a check or money order to PO Box 17444, Seattle WA 98127.

Checks take longer to process than money orders. Sorry, no COD.

Name _____

Address _____ Apt. _____

City _____ State _____ Zip _____

Email (optional) _____

Washington State residents please add 9.5% sales tax. Total Enclosed _____

Questions? Phone 206-782-4532 or email: info@homesteadbook.com

What's in your light?

Not all light is created equal. Many different lighting systems produce a wildly varying spectrum of light. From a High Pressure Sodium that produces a dominantly yellow/red spectrum to a Plasma producing a blue/green dominant spectrum.

Research has shown that plants **require** a specific spectrum of light which includes wavelengths from **400nm** to **700nm** for photosynthesis to occur.

This spectrum is called **PAR. Photosynthetically Active Radiation.**

Our **Ceramic Metal Halide** powered Tru Sun grow systems provide full PAR spectrum light.



Tru Sun 900 System (TS900)

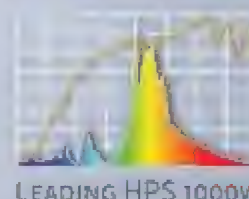
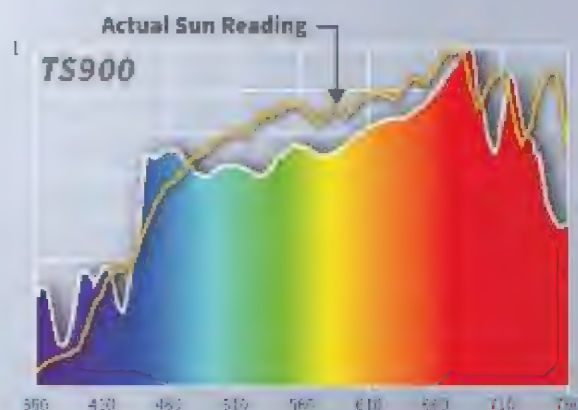
The Tru Sun 900 is our flagship single lamp solution.

Provides the fullest spectrum of light ever seen in a horticulture lamp. Experience legendary growth and yields with this star performer.

Tru Sun is powered by Ceramic Metal Halide technology, which is the most advanced innovation in **cutting edge lighting technology**, surpassing anything on the market today.

This indoor grow lighting technology will **revolutionize** the way you think about synthetic grow-light capacity.

Tru Sun CMH lamp technology produces the same natural light **spectrum** as the **Sun**, and cannot be compared to any other grow lamp in the world.

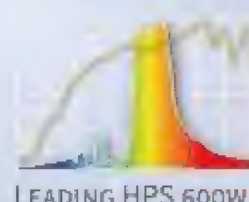
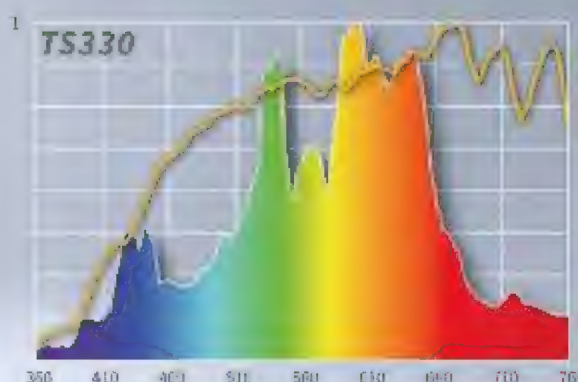


Tru Sun 330 System (TS330)

The Tru Sun 330 is our **single** or **multi-lamp** solution.

Alone, the 330 is a more than capable solution. In the dual or triple lamp configuration, this system is truly a sight to behold.

Designed to meet any demand while bringing the Sun indoors with **complete photometric nutrition**.



DISCOUNT HYDROPONICS®

LET THERE BE LIGHT

WE ARE YOUR LIGHTING EXPERTS



Hydroponics Systems
Climate Controllers
CO2 Controls
Grow Mediums
Nutrients
Timers
Odor Control
Tents
Ducting
Fertilizers

(877)-GROW-IT-7
(877)-476-9487



Call for our NEW catalog
or visit our Webstore @
www.discount-hydro.com

In the L.A. Area? Check out our 23,000 sq. ft. Warehouse and Superstore
Lowest Prices Guaranteed! • Discreet Packaging • Confidential Transactions • We are the Mail Order Professionals!

Check us out on

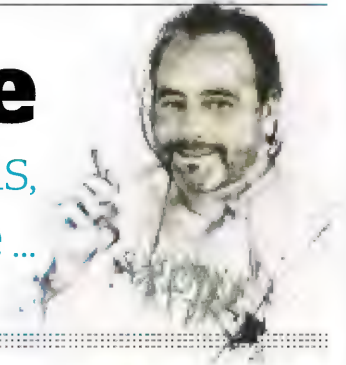


for special offers!

DH Warehouse & Superstore • 4745 Hiers Ave. • Riverside, CA 92505

Expert Grow Advice

Pruning auto-flowering plants, DWC water levels, burnt leaf tips, low-heat lighting and more ...



Send your cannabis cultivation questions to @deardanko or deardanko@hightimes.com.



SUBJECT **Low-Heat Lighting**

FROM: **Danyo**

🌱 I was wondering how I could grow plants the fast way indoors, in soil and using low-heat bulbs. What would be the best kind to use, and how many would I need for a 4' x 4' space? I would appreciate any feedback. Much *mahalos*, and aloha!

Dear Danyo,
For low-heat lighting, you have two

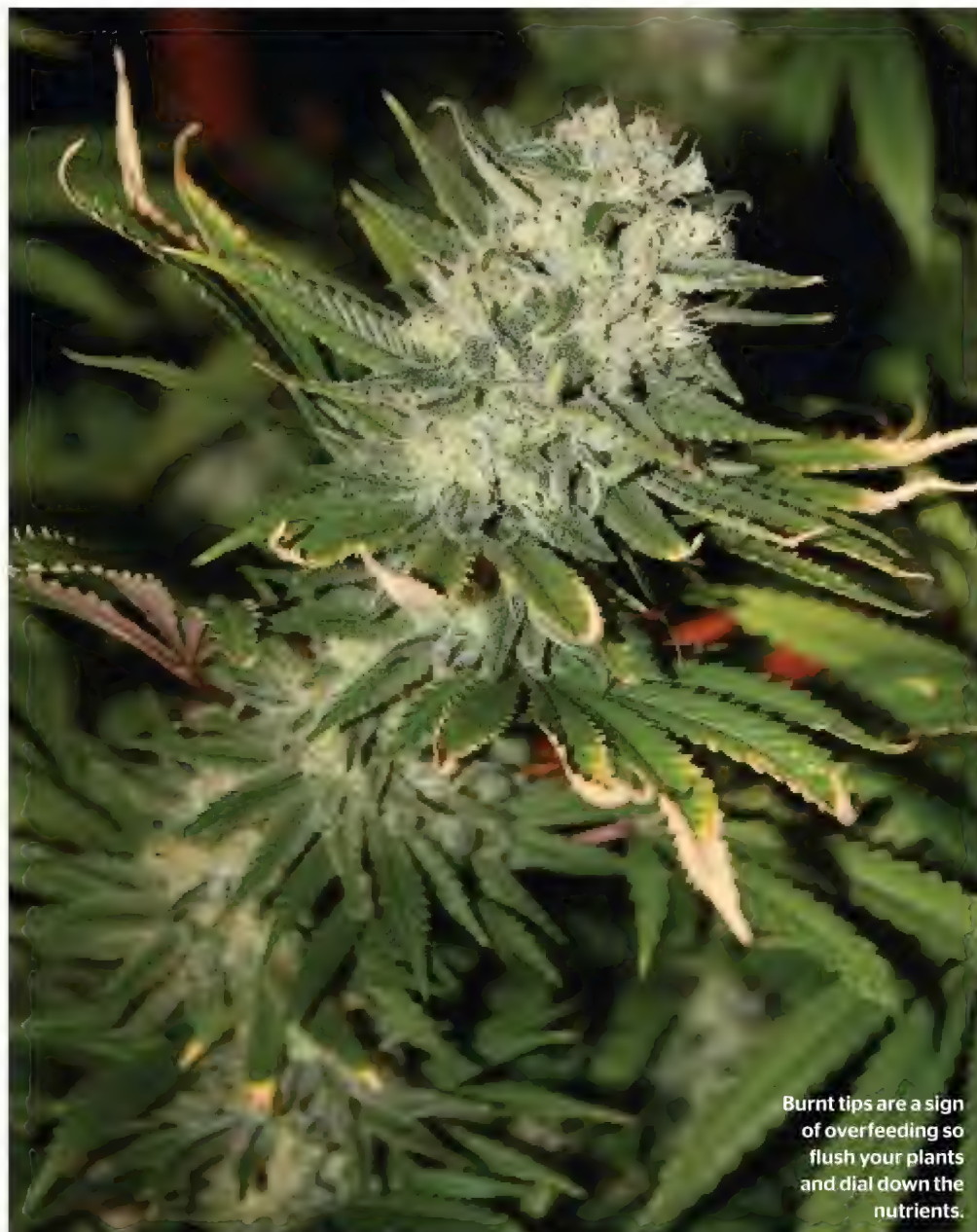
basic options: fluorescent bulbs or LEDs (light-emitting diodes). Fluorescents are more affordable than LEDs, and there are several options to choose from. Traditional T5 fluorescents are the longer, linear tubes, typically 2 to 4 feet long and costing, at most, a couple of hundred bucks per unit. These work best for plants in their vegetative stage (mother plants, seedlings, and rooting or rooted clones), but T5s can be used throughout the entire growing process and will produce flowers.

Compact fluorescent lights (CFLs) tend to take up less space, but my feeling

is to stick with the T5s unless the width of your space is an issue. Your best bet is to light from the top with the T5s and use CFLs as side lighting to increase your yield without adding too much to your heat or budget.

LEDs are showing more and more promise, but the cost-to-benefit ratio still favors fluorescents, particularly those with the proper spectrum for plant growth. We've seen some good results from all-LED grows, but when the price of these units is taken into consideration, I think we still have some ways to go before the true benefits of LEDs become clear.

Danko Tip: Never point a fan directly at your hanging branches after harvest. The buds will dry out too quickly and burn improperly.



SUBJECT: **Burnt Tips**

FROM: **Smokey**

🌿 My plants always have burnt tips on their leaves—sometimes more and sometimes less, but with every harvest I always seem to be looking at crispy leaves when I'm trimming. What is causing this, and how can I avoid it in the future?

Dear Smokey,
Burnt tips are always a sign of overfertilization. Too much plant food causes the tips of the leaves to start getting crispy, as you've described. Further overfeeding will only make the situation worse, until you have a toxic level of salts building up in your plants and they begin to die. The important thing to remember when feeding plants is that it's much easier to add

food than it is to remove it.

The first thing you should do is to flush your plants with plenty of plain water to reduce any existing nutrient buildup. You might be noticing white residue on your plant pots: This is a sign of too much salt building up in your growing medium. Slowly add one-quarter to one-half-strength nutrient solution and you should see new growth start to emerge. Err on the side of caution and you won't be dealing with burnt leaf tips any longer.

The other big added benefit to not overfeeding your plants is that your buds will taste better and burn properly to a clean white ash. Too much nutrient buildup left in your flowers will make them taste harsh, and it can also be harmful for medical patients with compromised immune systems. Your lungs

will thank you when you take in a toke of clean-burning, fertilizer-free cannabis.

SUBJECT: **Writing for High Times**

FROM: **Enrique B.**

🌿 How can I publish an article in your magazine? I have a pretty interesting story and theory regarding cannabis. Thanks!

Dear Enrique,

We get this question quite a bit, so I'm glad for a chance to answer it in my own words. We have guidelines posted on our website, and they are fairly comprehensive when it comes to what we're looking (and not looking) for as far as articles from contributors go. Those guidelines are a great place to start. Simply go to hightimes.com and click on submissions at the bottom of the page to read them.

My personal guidelines for contributions to the cultivation department would be to first put your proposal in writing and email it to edit.grow@hightimes.com. Please be succinct, and be sure to outline the subject you wish to write about clearly and with proper spelling and grammar. Also, we're not looking for first-person accounts of your cultivation experiences; you can save that for the online grow forums.

Ideal grow articles from contributors would highlight a new growing technique, a step-by-step guide to solving a cultivation dilemma, a how-to piece on building grow equipment, or a garden profile that takes the reader from the start to finish of a harvesting cycle. Other articles of interest would focus on one particular aspect of growing and delve into it more deeply, such as a detailed discussion of nitrogen or a guide to better cloning practices.

As always, photos are supremely important for the visual aspects of the article to shine. High-resolution digital photos of the techniques and equipment described are a must. Beauty shots of lush green plants or trichome-covered buds ready to harvest also help drive home the visual aesthetics of your proposed article. You'd be surprised how many story pitches come to us with blurry cellphone photos that simply cannot be printed in *High Times*.

One last note: I'm amazed how many times I've outlined these guidelines for people and never heard back from them.

Guava Chem



Danko Tip: Remove male plants from your garden as soon as you've determined their sex to avoid seeding your female plants.

Hempy Buddies
www.hempybuddies.com

Accessories for your
Counter-Culture Lifestyle

Who's your Buddy?

HEMPY

DOOBIE

BUDDY

SUPER SKUNK!

LIL NUGZ

Who's next?
Check out www.hempybuddies.com

Collect them all!

It's important to follow through on your ideas in order to see them in the magazine, but 99 out of 100 potential contributors find the actual work of taking quality photos and putting their ideas into writing daunting. Here's hoping more people decide to take the plunge and write cultivation pieces for our readers. It makes our own jobs easier and adds more voices to the ongoing quest to help people improve the quality of the cannabis they grow. Good luck!

SUBJECT: **Water Level in DWC**

FROM: **Mike L.**

I'm in the process of switching over to a homemade deep-water culture (DWC) system and was wondering where the water level should be. Should it touch the bottom of the pot, completely submerging the roots, or should the roots be about three-quarters to halfway (or less) submerged?

Dear Mike,

The water level in your DWC hydroponic system will get lower as your plants and their root systems grow bigger. At first, the water level should touch the bottom of your net pots in order to let the roots reach the nutrient solution. As the roots grow downwards, you can lower the water level so that the roots dangle in the water but the level doesn't reach all the way up to your net pots.

Always oxygenate your nutrient solution with an air pump and air stones to ensure that the roots are getting oxygen. Depending on how strong your air pump is, the bubbles in the bucket will burst at the top and allow tiny droplets of water to reach the roots dangling in the air. (And the more aeration, the better.) As the water level drops due to the plants taking up the nutrient solution, add more solution (balanced to a pH of around 5.8) as needed.

SUBJECT: **Why Grow Auto-Flowering Plants?**

FROM: **Dillinger**

High! I'm a user of weed for 24 years and a grower for the past 20. Also, for the last 11 years, I've been a med-pot patient in California legally growing my own medication, and I've seen it all when it comes to strains—except for these new auto-flowering varieties. I've been wondering if they're for real. Do they have a lack of



potency—and if so, what's the point? Every med-pot state and even the two new legal states have rules regulating the amount of plants we can grow. So if I'm limited to six plants, and my choice is between six huge indoor plants or six small auto-flowering ones that barely give me an ounce each, I think I'm going with the six huge plants.

Also, auto-flowering plants can't be cloned. Don't get me wrong: I'm guessing there's a use for them, but what is it? And I would also like an honest answer about potency. I am growing some Skywalker OG that's 23% THC and another strain from BOG that's clone-only at 28%. I would love to hear your opinion on this. Who knows—maybe I could raise 500 of those auto-flowering plants in a small space that no one would ever guess had weed growing in it.

Dear Dillinger,

There are many reasons people grow auto-flowering plants. Some growers are simply too lazy to deal with the extra work of growing out regular seeds, picking out the females and discarding the males. They simply want to plant some beans, walk away and come back to harvest in 90 days or so. Many European growers prefer auto-flowering plants due to this ease-of-growth factor.

Growers in high altitudes or places where the frosts come early can also take advantage of auto-flowering plants in

Lowest Prices. Largest Selection. Fastest Shipping.

Authorized Dealer



HYDROWHOLESALETM.com

We compare product & shipping charges to assure you the best price.

Top Nutrient Lines | Grow Lights | Water Chillers | Ventilation, Odor Control & Co2 | Propagation Tools | Hydro Systems | Fabric Pots

unbeatable prices on GROW LIGHTS



4' 4 BULB TS SYSTEM
\$119.99

* SYSTEMS INCLUDE BULB AND A YOYO HANGER
* ADD A TIMER 15.99 | ADD A LIGHTHANGERTM \$24.99

400 Watt MH/HPS Magnetic System **\$124.99**
600 Watt HPS Magnetic System **\$164.99**
1000 Watt MH/HPS Magnetic System **\$164.99**

400 Watt MH/HPS Electronic System **\$124.99**
600 Watt HPS Electronic System **\$159.99**
1000 Watt MH/HPS Electronic System **\$259.99**



Upgrade to an AIR COOLED REFLECTOR for just a few bucks more!

Hydro Grow Room Complete Systems

2'x2' \$479 | 2'x4' \$799 | 3'x3' \$839
4'x4' \$949 | 4'x8' \$1799

Organic Grow Room Complete Systems

2'x2' \$379 | 2'x4' \$599 | 3'x3' \$599
4'x4' \$619 | 4'x8' \$1199

Cloning Kit \$64.99



HYDRO SYSTEMS

2x2 EBB/FLOW SYSTEM **\$245.99**
2X4 EBB/FLOW SYSTEM **\$255.99**
3X3 EBB/FLOW SYSTEM **\$269.99**
4X4 EBB/FLOW SYSTEM **\$364.99**



1 PLANT DWC BUBBLE SYSTEM **\$29.99** | 4 PLANT DWC BUBBLE SYSTEM **\$145.99** | 8 PLANT DWC BUBBLE SYSTEM **\$269.99**

*FEATURED HYDRO SYSTEMS INCLUDE MEDIA AND POTS, PURCHASE NUTRIENTS SEPARATELY.

now open!
**AFFILIATE
SITE** FOR LARGE
SCALE GROWERS
hydrowholesaleaffiliate.com

\$1000 MINIMUM ORDER.
FREE SHIPPING OVER \$5000.

2 x2 Herb Dryer Room \$329.99
3 x 3 Herb Dryer Room \$439.99
5 GAL Oil Extraction Kits, \$69.99
Drying Racks \$6.99/up
Sale on Trimmers!



equipment for
HARVESTING

follow us!



Discreet. Confidential. Secure.
Toll Free: 1.866.803.2100
Visa, MC, and Money Orders accepted.
& PayPal
*Call for A Free Catalog!

Danko Tip: Transplanting root-bound plants into bigger containers will result in larger eventual yields.

AK-47 and Warlock win again!

Serious Seeds
Your guarantee for success!

AK-47

Our flagship-strain has proven it again, AK-47 is the ultimate winner, now the only strain to hold a High Times Cannabis Cup in **ALL 3 categories: Indica, Sativa and Hybrid!**

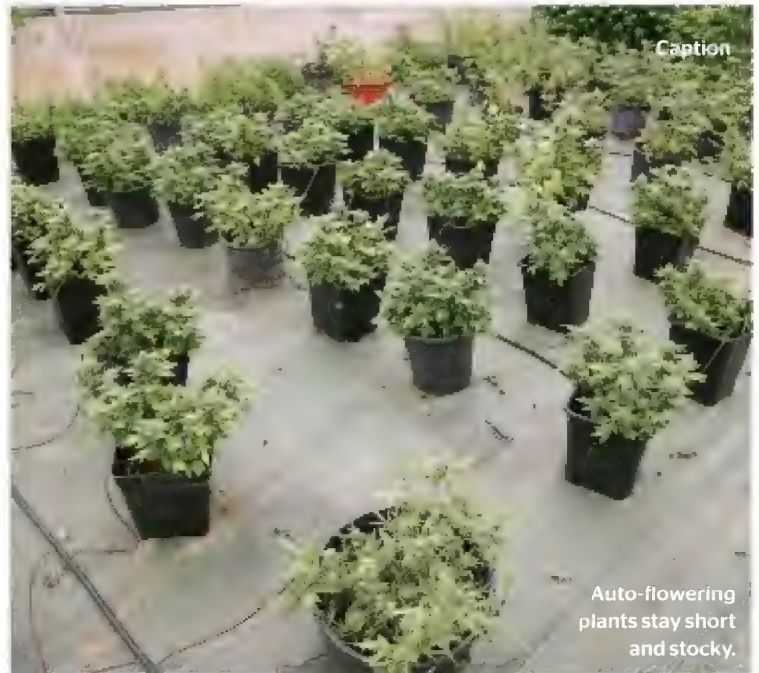
Home of the original awardwinning strains!

Warlock

We are very proud of another cup won by Warlock: The 'Hydra-Hash' made from 90% Warlock / 10% Haoma entered by 'House of the Great Gardener' from Vancouver-Island, Canada, won the second place in the concentrate category at the High Times Cannabis Cup 2011.

11 regular seeds or 6 feminized seeds in a tube

For info:
Postbus 1239, 1440 BE Pumerend, The Netherlands,
info@seriousseeds.com, www.seriousseeds.com



Caption

Auto-flowering plants stay short and stocky.

order to finish up their harvests in short seasons. Others like the fact that they can harvest in those months when cops and rippers aren't usually on the prowl looking for plants to confiscate or steal. Short plants that finish flowering in June are less likely to be discovered than larger ones in October.

As for potency, the genes that cause auto-flowering come from *Cannabis ruderalis*, a variety from Russia that produces little in the way of THC. Over time, smart breeders will select more potent versions of their crosses using these *ruderalis* strains to ensure that the potency levels are decent—but there's always an inevitable decline in potency with auto-flowering strains. Many who grow them can live with this tradeoff because they're either okay with producing less-potent pot or plan to turn it all into hashish anyway, so it's less important to them. The decision is always one for each individual grower to make.

My personal opinion is that if you're going to take the time and effort to grow your own cannabis, why not grow the best you possibly can? If that means extra work culling the males and choosing the strongest females as either seedlings or mother plants for taking clones, then by all means do the extra work. If all you want to do is produce a decent harvest with the least amount of work put in, grow auto-flowering plants. I've listed the reasons for doing so not as a recommendation, but just to let our readers know their options.

SUBJECT: **Pruning Auto-Flowering Plants**

FROM **Grant**

- With an auto-flowering plant, would pinching, FIM-ing and/or super-cropping be advised or advantageous?

Dear Grant,

It is not advisable to pinch or prune auto-flowering plants due to their short vegetative time. Because auto-flowering plants begin to form their flowers at a small height (typically around a foot or so), any pruning you do will inevitably reduce the amount of flowering tops and adversely affect your harvest. Instead, let them grow as they would naturally and avoid interfering with them in order to yield the most from each plant. 🌿

Grow Your Own with a PhotoTron®!

Perfect for Apartments, Condos Small Living Spaces!

Pays for itself, Harvest after Harvest

Stock Symbol: PHOT (our "H" is Silent)

The fully-integrated plant system that promotes rapid growth in **just 21 days!!**

FREE STARTER KIT \$200 VALUE!

- Timer and Thermometer
- 6 Germination Cups and Pods
- 1 Large Bag of Sphagnum Moss
- 1 Bottle PHOTOTRON CIV 75 Base Formula
- 1 Package PHOTOTRON Nutrient System

EVERY PHOTOTRON INCLUDES:
Light Bulbs, Reflective Panels, and
Step-by-Step Instructions

For more information or to place your order

Call today, toll free
800.651.BUDS
800.651.2837
www.phototron.com
email: sales@phototron.com

Advertised in
High Times for
Over 25 Years!

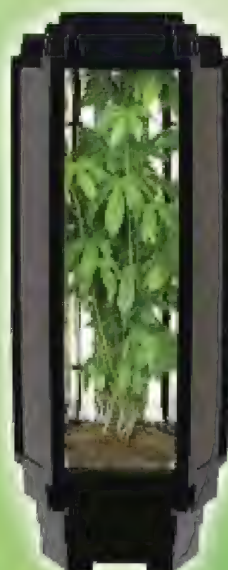


Grows Full-Sized Plants

30% More
Growing Room.
New Feature, Top Fan
with Carbon Filter



PhotoTron Original
330 watts
\$499



PhotoTron T-5
445 watts
\$699



PhotoTron LED
980 watts
\$999

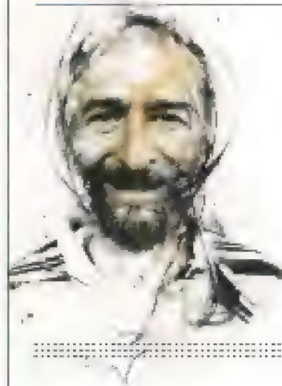
Presented by  BEATS ELECTRONICS

• 100% Service Backed • Prompt and Discreet Delivery • Shipped Fully Assembled

PHOTOTRON
A GrowLife Inc. Co.

Share with your
Buds
The
Cannabis Collections
Send your Loved Ones
Greeting Cards
Original **AD**
HAND DRAWN
ARTWORK
www.cannabiscollections.com
Toll Free
(855) 247-1443
WWW.GREETINGS143.COM
Wholesale and Bulk Orders Welcome

SHORELINE
DEVIL'S HARVEST
SEEDS
www.thedevilsharvestseeds.com
ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES
PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD



A Plant for All Reasons

Cannabis and its relation to obesity, pain relief and the creative spark.

Got a question for Dr. Mitch? Email him at 420research@gmail.com.

Do you think anyone will ever come up with a "diet" strain of cannabis—one that won't cause the munchies or increase appetite?

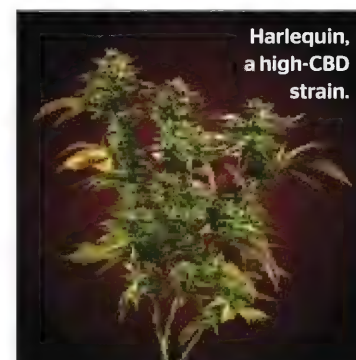
Bubbler

Hi Bubbler,
Never underestimate the resourcefulness of cannabis breeders! THC's impact on appetite is undeniable, though it probably varies with strain and dose. However, two huge surveys do suggest that obesity rates are lower in folks who *do* use the plant than in those who don't. So while I'm not recommending cannabis as a diet aid, the plant doesn't seem to fatten everyone.

Can you recommend a strain for pain?

Working Stiff

Hi Working,
Pain is a complicated phenomenon, especially since it's manifested according to a person's biological makeup. Relaxation, regular exercise and good sleep habits are essential for relieving pain. In terms of cannabis medicine, a moderate dose seems to have the best impact. Keep in mind, though, that high-THC strains may not work as well for pain as those with higher levels of CBD, which affects inflammation in novel ways and provides more relief. I wish we had better quality control and trademarks in the world of cannabis, but Sour Tsunami, Jamaican Lion and Harlequin are all strains that seem to possess more CBD than average.



Harlequin,
a high-CBD strain.

High-THC strains may not work as well for pain as those with higher levels of CBD, which affects inflammation in novel ways and provides more relief.

You've said in the past that there's no real link between marijuana and creativity, but I just don't believe it.

Van Painter

Hi Van,
Creativity tends to correlate with personality traits like extroversion and openness to experience, and these traits also correlate with use of the plant. So while cannabis may not increase creativity, creative people do seem to like the plant. However, a new study has shown that people who are deficient in creativity can catch up to those who aren't, at least in terms of completing so-called divergent-thinking tasks, after smoking cannabis. So maybe there *is* more going on here than I've been willing to assert in the past. ✨

Mitch Earleywine, PhD, is an associate professor of psychology at SUNY Albany and the author of Understanding Marijuana and The Parents' Guide to Marijuana.

"Super Flower Tower" Alcohol Based Essential Oil Extractor



www.superflowertower.com

The Super Flower Tower is the Finest Essential oil extractor on the market for home use. It is very easy to use, Full Instructions are included that will get you started making the best oil from virtually any plant. It even reclaims your Solvent !!

\$499.00
complete
4 OZ Model

Use on
PayPal

VISA

MasterCard

Discover

American Express

Neteller

WebMoney

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

Bitcoin

TAMISIUM BUTANE OIL CHEMICAL EXTRACTOR™

**Most Efficient
Highest Yielding
System**
**Safely Recover
Butane Solvent**

- Lab Grade Stainless Construction
- Highest Purity, Highest Yields Highest Product Varieties
- Green Organic Process
- Over 1000 Sold
- Discount: Mention Ad
- Illustrated Manual w/Cust. Support
- Lifetime Warranty
- Patent Pending

TE175 (2 oz)
\$1,495

TE700
(8 oz)
\$4,495

Learn More 817-726-7525
david@tamisiuextractors.com
www.tamisiuextractors.com



Seven Candles for Peace

A gift to promote telepathic energy.

I've come up with a new concept for resisting the tide of violence, hatred and bigotry currently washing over the land. I call it "Seven Sacred Candles for Peace." I've actually had a set of these candles on my personal altar for many years, but it was only recently that I started making my own and realized that these make a really nice symbol for world peace.

Whenever some outbreak of violence erupts from now on, I plan to light my seven candles and post a picture on the Internet as my way of dealing with the "shit-uation" (as Peter Tosh would say). And if I am close enough to the catastrophe, I may even take my candles to the scene of the crime and light them in a public ceremony on the spot. It's better than doing nothing as the tide of violence keeps rolling in.

Kids today are being led down a path of violence addiction (as well as pill addiction), and I'd like to flip that switch and see if we can't encourage another generation to walk the path of peace like mine did in the 1960s. So I started making these waxen talismans for world peace: I call them Magic Chakra Candles, and they represent the Rolls-Royce of candle magic.

When I stumbled upon the idea, I immediately called Wavy Gravy and announced: "I have invented a device that receives, stores and amplifies telepathic energy. Would you like one?" Wavy had no idea what I was talking about, but he gave me his address and, a few days later, his mind was blown when he unpacked Magic Chakra Candle set number 20 and a gigantic love bomb went off in his lap. "You have inspired me," he told me, after thanking me profusely for such a wonderful gift. "You know," he added, "I've been doing this sort of thing for many years."

"Wavy," I said, "you are the grandmaster of Improvisational Ritual Theater, which is why I wanted you to have them in the first place! Most kids today think

420 is all about getting high," I continued, "but pot is just the sacrament—the culture is about *peace*." Wavy's response followed a long period of silence and for a moment I thought we'd been disconnected. It's the first time I've heard him speechless.



The seven candles create an instant altar.

It actually took me seven years to develop this concept to the stage it's at today, but it didn't take off until I started making

the candles. If you go to a magick shop and look for spell candles, you'll generally find inexpensively produced ones. But I wanted to create the world's greatest ceremonial candles by using the best ingredients possible, including the most spiritual and healing (and expensive) plant oils, a list that includes frankincense, jasmine, lavender and rose—and, of course, zero petroleum products.

Included with each candle is a very special gem. I think of these gems as the "batteries," and the better they are, the better the telepathy seems to work. The seven candles represent a lot of things: the seven chakra energy centers, the seven colors of the rainbow, the seven notes of the musical scale, the seven days of the week, and the seven major spiritual traditions of the world. When placed together, they form an instant altar that points "up" and going "up" is always a good thing.

Somehow, these candles seem to have the magic effect of leading people effortlessly into a more meditative and ceremonial path. Maybe they'll work for you? They sure did for me. You can build your own set—simply follow my specifications—or you can just buy a set from me off *Amazon.com* for \$175. The candles are signed and numbered, and I plan to produce only 420 sets. The final set will be delivered to the Waldos, the inventors of 420, at the top of Mount Tamalpais in a very special ceremony that will be open and free for all to attend. That may take a while, but I'll keep you posted.

In the meantime: Peace. ✨

THE GRASS IS GREENER



THE NEW

HIGHTIMES.COM

OFFICIAL STASH JAR OF THE 1st ANNUAL US HIGH TIMES CANNABIS CUP™



Forget Amsterdam. High Times® has brought the Cannabis Cup to you. In honor of the 1st Annual US Cannabis Cup™, 420 Science has been commissioned to make this limited-edition jar.

Order yours online at 420Science.com while they last. 420 Jars won the High Times Stash Award for Best Storage, so you know these jars are designed to keep your stash fresh.

And be sure to pick up a 420 Scope - the #1 handheld microscope in the industry. Use it to check out the trichomes and compare different strains; it's truly an essential tool for Cannabis Cup Judges.

Go to 420Science.com/HTCC



420 SCIENCE

420Science.com

More Jars. More Designs. More Service.
More enthusiasts choose 420 Science



Andy, Did You Hear About This One?

Honoring the antagonistic and enigmatic entertainer Tony Clifton.

As a kid, I distinctly remember seeing Andy Kaufman singing the “Mighty Mouse” theme on *Saturday Night Live* and thinking he was funny—not just “haha” funny, but *strange* funny. Of course, this was long before I came to worship his avant-garde comedic genius. Of all the pranks Andy ever pulled on the public, none was more epic or enduring than the character of Tony Clifton.

“Discovered” by Kaufman in a seedy Vegas lounge in 1969, Clifton was the crooner from hell—perpetually drunk and obnoxious, wailing nasally and insulting the audience until driven from the stage (or the set of *Taxi*). And while the world speculated as to whether Clifton was a fabrication or a fiasco, Andy just sat back and laughed at the confusion he’d created. Since Andy’s death in 1984, Clifton has resurfaced to cause trouble numerous times—most visibly around the release of the Kaufman biopic *Man on the Moon*. I hadn’t heard anything about him in years, so imagine my shock when my buddy B-Doe, a DJ at Austin’s KLBJ, mentioned that Tony would be at SXSW promoting his own film (*Tony Clifton: The Movie*) and asked if I’d like to have him attend the Doobie Awards. Attend? Hell, I replied, I’d give him a Lifetime Achievement Award!

When Clifton arrived at our Cowboy Cup party, I was fully expecting the annoying asshole of modern lore. Instead, the Tony I met was a total pussycat. Despite his sweet disposition, however, that old tasteless Clifton humor still shone through—particularly when he told me about the first time he’d toked up.

“It was at the [1968] Democratic National Convention in Chicago,” Clifton recalls. “The Yippies wanted people to come to Lincoln Park to their protest, so they put up posters around town with pictures of young hippie girls, saying: ‘Come smoke grass and make free love in the park.’ So I go over there and I meet a girl. She was on acid, I was

boozing ... it was the first time I had grass, and also the first time I had anal sex—she really wanted it up the old keister! I fucked her in the pussy and in the ass, back and forth ... nine months later, come to behold, she’s pregnant. Now I got a son—his name is Toby. I love him, but he’s a mongoloid monstrosity. He’s a grown man with the brain of a 7-year-old. I’m convinced it was

the mixture of my sperm, her egg, her shit on my cock, and the grass and the acid she was on that created the monstrosity.”

When the topic of medical marijuana came up, his thoughts turned to Andy.

“Maybe Kaufman shoulda done that”—

smoked marijuana—“he’d still be alive today,” he speculates. “People still come to my show and ask, ‘Are you Andy Kaufman?’ I say, ‘You wanna see Andy Kaufman? Get yourself a shovel and a flashlight.’”

Before parting ways, Clifton presented me with a photo of himself signed, “From one wild man to another—your pal, Tony Clifton.” At his request, I returned the favor, signing a Doobies poster for him that read, “Tony—thanks for mentoring me all these years.”

The next day, just after 4:20, I took the stage to present Mr. Clifton with his trophy.

“Each year, we recognize one legendary performer with our Lifetime Achievement Award in music,” I proclaimed. “Past winners, such as Willie Nelson and Snoop Dogg, are all artists who have devoted their lives to values that we at *High Times* stand for—values like integrity, activism and courage. Unfortunately, this year’s recipient reflects none of those. He does, however, embody other principles that we represent—like individuality, irreverence and indulgence. Ladies and germs, stoners and stonettes, it’s my great honor to present the Doobie Award for Lifetime Achievement to the King of Las Vegas ... the man, the myth, the jackass ... Mr. Tony Clifton!”

Handing him his award, I could almost see Andy laughing up in heaven—if he made the list, that is. 🌿



Watch Tony accept his award at hightimes.com/tonyclifton



Digital Vacuum Drying Ovens



VO - 16020v 0.9 Cu Ft Ambient to 500°F Vacuum Oven with High Speed Pump & Mist Filter at \$ 2,790

Across International VO series ovens are the BEST choice for the curing and converting of botanical extracts. With deep vacuum levels of up to 80 microns (VO-16020v or VO-16050v models), they can operate at temperatures which allow evaporation and degassing/purging process to occur rapidly, and thus increase productivity and allow for the production of superior quality products with minimal processing time.



Picture of botanical extract provided by our client Trichome Technologies



VO - 16020 0.9 Cu Ft Ambient to 500°F Compact Vacuum Oven at \$1,290



VO - 16050p 1.9 Cu Ft Ambient to 500°F Vacuum Oven with Compact Pump & Mist Filter at \$ 2,250



FO - 19053 1.9 Cu Ft Ambient to 400°F Forced Air Oven at \$ 1,299

Across International FO series forced air ovens are excellent for rapid decarboxylation. They will rapidly convert THCA into Δ^9 -THC. With their gentle airflow and microprocessor based temperature controls, any model can accommodate rapid air drying of your products.

You can find more information at http://www.AcrossInternational.com/Drying-Ovens_c15.htm





Brave New World

Emerging regulations, controls and taxation levels will impact the cannabis industry both positively and negatively.

Allen St. Pierre is the executive director of NORML. Visit norml.org.

THE POSITIVE

Cannabis Tourism

Adults from anywhere in America—and the world—can now travel to two US states, Colorado and Washington, to legally consume cannabis. Colorado's already active and lucrative tourist industry will be enhanced. Washington hasn't formally announced that cannabis tourism will be welcomed, but it is expected to follow Colorado's lead.

Domestic Hemp

Both states' legalization initiatives allow local farmers to finally break the federal government's ban on industrial hemp. After eight decades, American entrepreneurs will no longer be forced to acquire hemp-related materials from foreign producers, paying hefty taxes and import tariffs in the process.

Mainstreaming the Industry

Distinguishing themselves from reform groups interested in social justice, established entrepreneurs are hiring top lobbying firms to advance a business agenda. The number of cannabis-related lobbyists in state capitals and in Washington, DC, has more than doubled since November.

Defending Cannabis Commerce

State governments must now guard against heavy-handed federal intervention and seek to maintain their autonomy as "laboratories of democracy" (to use the famous phrase attributed to Supreme Court Justice Louis Brandeis) under our system of federalism.

Questioning the Drug War

With two states finally dismantling decades of cannabis prohibition in favor of tax-and-regulate

policies, citizens, policymakers and mainstream media outlets in other states are sure to start asking: "Why can't we legalize cannabis too?"

Cultivation Encouraged

Colorado's legalization law allows for the home cultivation of up to six plants; Washington's law, unfortunately, does not. As a result, the state's activists and business leaders have prioritized amending that law to allow for home cultivation.

THE NEGATIVE

High Taxation Rates

Legal cannabis will be subject to widely varying levels of state taxation. Voters in Washington approved a 25 percent sales tax on the retail sale of cannabis products. Colorado hasn't established firm taxation levels yet, but a rate of 10 percent or more is expected.

Barriers to Entry

State governments can create a number of hurdles for entrepreneurs, such as barring formerly convicted cannabis cultivators and sellers from owning or working at a legal cannabis business. The cost of bonding a canna-business can also be set prohibitively high. Requiring escrow funding—to the tune of \$500,000—can dictate who is able to become a member of an investment group. State license fees and hefty annual operating fees can also inhibit the industry's growth.

The "Control" Factor

In New Jersey, the government has allowed a single medical cannabis dispensary to open. In Connecticut, Maine, Massachusetts and the District of Columbia, governments have arbitrarily capped the number of outlets permitted: for example, five

in DC, 12 in Maine, and 35 in Massachusetts. By severely limiting medical cannabis outlets, states in effect create oligopolies in which the industry is dominated by a small number of sellers.

Public Use

All cannabis use must take place in private. But in Colorado, creating "membership-only" cannabis clubs for adult use has begun to challenge this standard.

DUID

Changing the ridiculously unfair DUID (driving under the influence of drugs) statutes as they pertain to cannabis—whose residual byproducts remain in the body far longer than drugs like heroin or cocaine—is now a top reform effort for activists.

Interstate Travel

States that border Colorado and Washington have announced their intention to double down on highway stops in order to prevent cannabis smuggling. Canadian citizens re-entering their country can expect to be interrogated on the subject.

Drug Testing

High courts in nearly half a dozen medical cannabis states have ruled that medical cannabis patients are not exempt from government or corporate drug testing and can be lawfully terminated if they test positive.

Federal Conflicts

The overarching question remains: Will the federal government allow states to create cannabis legalization policies that are in conflict with current federal law and international treaty obligations, or will it attempt to set an example by coming down hard on Colorado and Washington? ✨

FREEDOM FIGHTER

by Erik Altieri, NORML communications coordinator

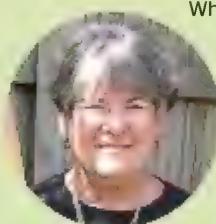
The Heat Is On!

Karen Goldstein champions medical marijuana in Florida.

Four years ago, Karen Goldstein helped found NORML of South Florida. Over the next few years, the group grew steadily until it became the statewide affiliate for NORML, working hard to change Florida's marijuana laws all the while. Its focus is on building relationships with elected officials and engaging in lobbying efforts to convince the state legislature to

embrace reform.

In 2011, those outreach efforts paid off when Representative Jeff Clemens introduced the first joint resolution in the Florida House of Representatives to allow for the medicinal use of cannabis. Although that resolution didn't succeed, Karen and her colleagues are keeping up the heat: This year, medical marijuana legislation has been introduced in both the Florida House and Senate.



While Karen was addressing the Broward County legislative delegation this year, Representative Katie Edwards announced her intention to sponsor the House version of this new bill. During her tenure as executive director, Karen has addressed Democratic Club meetings, civic associations and city commission meetings, as well as presenting at the Silver Tour, NORML's outreach effort to senior citizens. She is also

a frequent spokeswoman for marijuana law reform in the local media, discussing the issue in both radio and newspaper interviews. And she helps put on the group's annual benefit concert, which brings awareness of the issue to the general public through informative speakers, educational literature and music.

"Many people say that Florida is a lost cause when it comes to drug law reform," Karen observes. "I disagree, and I'm working hard to prove that they're wrong."



SUPERCLOSET

#1 Selling Grow Boxes in the World

FINANCING AVAILABLE



SuperLocker
66" H x 14" W x 28" D



Trinity
66" H x 14" W x 28" D



SuperNova
78" H x 46" W x 24" D



1



2



3



4



5



6

Start with seeds or clones and place up to 50 of them in the fully automated SuperCloner located in the cloning chamber.

When a sufficient root system is evident, move your plants to the fully automated 16 site SuperPonics in the vegetative chamber.

Now, vegetable your plants until they reach the recommended pre-flowering height.

Cut clones from these plants and move them back into the SuperCloner in the cloning chamber.

Continue growing until your fruit, vegetables, herbs, or flowers have fully matured and are ready to be harvested.

Finally, after your harvest, rotate your clones back up into the flowering chamber and repeat!

P.O. Box 984563
San Francisco, CA 94168

www.supercloset.com

TEL: +877.476.9787
TEL: +415.285.0301

DINAFEMSEEDS

WWW.DINAFEM.ORG

ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES.
PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD.

NEW



25€
3

CRITICAL+ 2.0
AUTOFLOWERING

NEW



22€
3

CRITICAL CHEESE
AUTOFLOWERING

NEW



20€
3

BLUE CHEESE
AUTOFLOWERING

NEW



27€
3

DINACHEM

NEW



25€
3

DINAMEX

NEW



21€
3

KUSH'N'CHEESE

NEW



21€
3

DEEP CHEESE

NEW



20€
3

BLUE CHEESE

NEW



24€
3

BLUE THAI

NEW



33€
3

MOBY DICK

✉ info@dinafem.org

☎ +34 943 21 86 88

fb facebook.com/dinafem

tw @dinafem

MEDICAL MARIJUANA DIRECTORY

HIGHEST QUALITY

JASPEN

NATURAL ROLLING PAPERS

Use promo code HT420 to get a free booklet when you buy three.

www.JALPENPAPERS.COM

Grow Your Own...?

That's Easy, Buy A

PIG

www.personalindoorgarden.com

Black Sheep Beans

2-140 King St. East

Suite#407

Hamilton, ON, L8N-1B2

write for info

Special Digital Collector's Issue!

FROM BRUCE LEE

HIGH TIMES

THE NEW 100% Pure Cannabis Oil

TO ORDER GO TO

hightimes.com/infamous100

2004-2013

CALIFORNIA

Alternate Natural Solutions Inc.

8477 Enterprise Dr.
Jamestown, CA 95327
(209) 352-6779
altnatsol.com
"Home of the 5 dollar gram"

Club Cannex

11004 Magnolia Ave.
Garden Grove, CA 92843
Phone: 562-200-1164
www.clubcannex.org
rudu@clubcannex.org
Compassionate, Understanding,
Servicing,
Honoring, Inspirational, Passionate

Coffee Shop Blue Sky

377 17th Street
Oakland, CA 94612
(510) 251-0690
Open 9am-8pm Mon-Sat,
10am-6pm Sunday
oaksterdamgiftshop.com

The Good Life

4316 Melrose Avenue
Los Angeles, CA 90029
(323) 522-3542
Open 7 days, 10AM-11PM
facebook.com/goodlifemelrose
Twitter Good Life Melrose
Also fresh fruits and vegetables.

Green Dragon Caregivers

7423 Van Nuys Blvd. Suite C
VanNuys, CA 91405
(818) 442-0054
greendragoncoop.com
edward@greendragoncoop.com

High Quiggle Healing Center

1532 East Broadway
Long Beach, CA 90802
Phone: (562) 951-3975
Fax: (562) 951-3902
weedmaps.com
"A circle of healing is never ending"

Love Shack

502 14th street
San Francisco, CA
(415) 552-5121
theloveshackcooperative.com
Mon-Sat 10am-7pm,
Sun 11am-4pm
Full Service Dispensary
Voted Best of The Bay

Mind, Body, and Soul Collective

3131 East Central Ave.
Fresno, CA 93725
Phone: (559)-486-6010
Fax: (559)-486-6011
mbscollective.com
admin@mbscollective.com
"Open 7 days a week--Quality,
Integrity, Trust"

1 Love Wellness Center

1841 El Camino Ave.
Sacramento, CA 95815
916-231-LOVE
916-927-1553 (fax)
ilovewellness.org
linda@onelovewellness.org
"Sacramento's largest and loving
Wellness Center"

7 Star Meds

3823 San Pablo Dam Rd.
El Sobrante, CA, 94803
(510) 758-MEDS(6337)

COLORADO

Karmaceuticals LLC

4 South Santa Fe Drive
Denver, CO 80223
(303)-765-2762
facebook.com/karmaceuticals
karmaceuticalsco@gmail.com
"Over 120 strains of fire"

Minturn Medicinal / Vail Valley

Minturn, CO 81645
(720) 490-0458
Free Delivery
minturnmedicinal.com

MICHIGAN

A2 Compassionate Healthcare

MedMar A2 Inc.
1818 Packard Street
Ann Arbor, MI 48104
734.213.1420
medmarx.net
Highest grade medical marijuana at
the lowest prices.

Cannaisseur Collective

"A Shelf Above The Rest"
State St (call for pre-verification &
address)
Ann Arbor, MI
734-494-0772
cannaisseurcollective.com
Twitter.com/Cannaisseurlife

Lakeshore Alternatives Seed Bank

6155 Blue Star Highway
Saugatuck, MI 49453
269-857-1188
lakeshoremads@gmail.com
lakeshorealternatives.com
"West Michigan's #1 Place for
finding SEEDS"

Michigan Compassion Center

1222 Glenwood Ave.
Flint, MI 48503
970-509-0781 (Phone number)
810-265-7821 (office number)
810-265-7436 (fax number)
mccclint@gmail.com
facebook.com/michigancompassioncenter
"Patients Come First"

Michigan Medical Marijuana

Certification Center
29877 Telegraph Road,
Suite 303 B
Southfield, MI 48034
(248) 932-6400
MMMCC.net

MSC3

227 N. Winter Street Ste 302
Adrian, MI 49221
medicinalsolutions.com
MON-FRI 10am-8pm
SAT 10am-7pm
CLOSED SUNDAYS

OM of Medicine

112 South Main Street,
3rd Floor
Ann Arbor, MI 48104
734-369-8255
omofmedicine.org
info@omofmedicine.org
"Power to the Patients!"

Pure West Compassion Club

840 N. Black River Dr. Ste #80
Holland, MI 49424
616-466-4204

purewestclub@gmail.com
CALL TODAY & Get Doctor
Certified for \$99

MONTANA

Olympus Incendias

2591 Industry #A
Missoula, MT 59808
Phone: (406) 829-WEED
www.missoulameds.com
Customer oriented true
Compassion Center!

OREGON

Eugene Compassion Center

2055 W. 12th Ave
Eugene, OR 97402
(541) 484-6558

WASHINGTON

Conscious Care Cooperative Lake City

3215 NE 123rd St.
Seattle, WA 98125
Lakecity@cccoperative.org
<https://mmjmenu.com/dispensaries/757-conscious-care-cooperative-lake-city>
Phone: (206) 466-1206
Fax: (206) 466-1203

Purple Cross Patient Care Association

469 North 36th Street, Suite D
Seattle, WA 98103
Phone: (425) 446-1205
Fax: (206) 588-1596
purplecrosspatientcare.org
Mon-Sat, 11-9 pm Sun. 1-9 pm
Open 7 days a week!

CANADA

*Note: Canadian medical clubs rarely
accept US medical marijuana IDs. Prior
arrangements need to be made before
your visit by contacting the medical club.*

CALM Toronto

P.O. Box 47023, Stn. 425
220 Yonge St.
Toronto, ON M5B 2P1
Office: (416) 367-3459
Fax: (416) 367-4679
Open 7 days a week
cannabisclub.ca

Canadian Compassion Dispensary

US patients welcome.
Phone: 647-771-9703
Toronto, ON
www.c-disp.com

T.A.G.G.S. Dispensary

11696 224th Street
Maple Ridge, BC V2X-6A2
Phone: (604)-477-0557
Fax: (604)-477-0575
Open 7 days/week, 11am-7pm
taggsdispensary.ca
US medical patients welcome.

DISPENSARY SERVICES

Cannaline

cannaline.com
Wholesale only
301-356-9096
Stock & custom printed
glass containers, concentrate
containers & medicine bags.

The Medible Revolution

LavaTrap Infuses THC/CBD into Sugar or Oil in 5 Minutes

LAVA trap

- Accurate Dosage Control
- Completely Solvent-Free
- Your Strain, Your Medible

Personalizing and Perfecting the Science of Medibles

FREE T-Shirt & Info



lavatrap.com

MEAN GREEN TRIMMING MACHINE

TRIM DRY!!

GO TO YOUR LOCAL
STORE FOR DEMO!



TRIMDRY.COM

QUIET

GENTLE
ROLLING MOTION

DIGITAL
TRIMMER



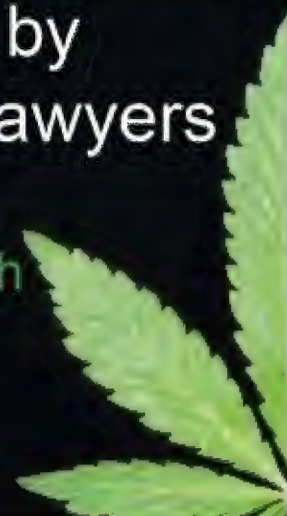
MEANGREENTRIMMINGMACHINE.COM

GreenZipp.com

START A DISPENSARY, DELIVERY SERVICE
OR GROW BUSINESS AND BE 100% LEGAL

The only all-in-one
service by
marijuana lawyers

Discount with
offer code:
htimes



HIGH TIMES LEGAL DIRECTORY

ALABAMA

Alan R. Elledge, Attorney at Law

7404 Hwy 43
Florence, AL 35634
(256) 757-4007
Fax: (256) 757-4003
aelledge138@hotmail.com
'Vigorous statewide marijuana defense.' No representation is made that the quality of the legal services to be performed is greater than the quality of legal services performed by other lawyers.

ARIZONA

Jamal Allen

Allen & Associates, Lawyers
1811 S. Alma School Rd, Ste 145
Mesa, AZ 85210
Ph: 480-899-1025
Fax: 480-248-6389
goodazlawyers.com
All Stops, Arrests & Seizures

Michael Walz

Law Offices of Michael Walz
4000 North Central, Ste 1250
Phoenix, AZ 85012
602-288-8349
walz@Potlawyer.com
potlawyer.com
Member NORML Legal.
Marijuana niche criminal possession, cultivation, sales and MJ-DUI, or AZ DHS hearings.

CALIFORNIA

Bob Boyd

107 W. Perkins Street, Ste #17
Ukiah, CA 95482
707-468-0500
mendocinolaw@comcast.net
mendocinolaw.com

Omar Figueroa

Law Offices of Omar Figueroa
7770 Healdsburg Ave, Ste. A
Sebastopol, CA 95472
(707) 829-0215
omar@stanfordalumni.org
omarfigueroa.com
Founder of Cannabis Law Institute. Specializing in cannabis cultivation and medical marijuana cases. Free case consultation. ¡Yo hablo español!

Christopher M. Glew

1851 E. First Street, Ste. 840
Santa Ana, CA 92705
Fax: 714-648-0501
Phone: 714-648-0004
marijuanalawyer@yahoo.com
glewkimlaw.com

Imhoff & Associates, P.C.

Criminal Defense Attorneys
Vince Imhoff, Managing Partner
Los Angeles, CA
800-887-0000
Info@CriminalAttorney.com
CriminalAttorney.com
Experienced, aggressive Medical Marijuana & Criminal Defense Attorneys Nationwide
Free consultation

Law Offices of John M. Kucera

1416 West Street
Redding, CA 96001
530-241-1800
jkucera@snowcrest.net
Former major grow prosecutor.
Over 30 years of aggressive and experienced state and federal defense. Serving Shasta, Siskiyou, Tehama, Trinity and other Northern California counties on request.
jmk-law.com

Bruce Margolin

8749 Holloway Dr.
West Hollywood, CA 90069
310-652-0991 or
800-420-LAWS
bmargolin@aol.com
1800420laws.com
margolinlawoffices.com
Marijuana and criminal defense since 1967. Director, L.A. NORML. Call for a free guide to marijuana laws in all 50 states.

Eric Shevin

15260 Ventura Blvd., Ste 1050
Sherman Oaks, CA 91403
Phone: 818-784-2700
Fax: 818-784-2411
eshevin@aol.com
shevinlaw.com
Cannabis expertise, criminal defense and business formation.

Randy Sue Pollock

2831 Telegraph Ave
Oakland, CA 94609
Phone: 510-763-9967
Fax: 510-272-0711
PollockEsq@aol.com

James M. Taylor

Law Office of James M. Taylor
783 West Ramsey, Suite G
Banning, CA 92220
951-849-2081
jamesmtaylor.esq@verizon.net
Dedicated to Criminal Defense

COLORADO

Sean T. McAllister, Esq. Tae Darnell, Esq.

McAllister, Darnell & Assoc., P.C., AKA "Cannabis Law Center, P.C."
Criminal Defense/Dispensary Representation
Denver Office: 303-575-5600
Fax: 720-542-8391
lawindenvr.com

CONNECTICUT

Law Office of Aaron J. Romano, PC

45 Wintonbury Avenue, Ste 107
Bloomfield, CT 06002
Tel. 860-286-9026
attorneyaaronromano.com
Criminal Defense - MMJ Advocacy - Expungements
15 Years of Fighting for Your Right to be Natural

FLORIDA

Bjorn Brunvand

615 Turner Street
Clearwater, FL 33756
Phone: 727-446-7505
Fax: 727-446-8147
bbrunvan@tampabay.rr.com
acquitter.com

James Davis

Law Office of James Davis, P.A.
300 West Adams St, Ste 550
Jacksonville, FL 32202
Office: 904.358.0420
Fax: 904.353.1359
Criminal defense focusing on drug cases.

Law Offices of

Ricardo P. Hermida

55 Merrick Way, Suite 212
Coral Gables, FL 33134
Tel: 305-461-1116
Fax: 306-461-6446
rick@rphermida.com
Aggressive State and Federal grow house defense in Miami, Dade County and throughout Florida. Member—National Association of Criminal Defense Lawyers and Florida Association of Criminal Defense Lawyers.
"Se Habla Espanol"

Greg M. Lauer

Board Certified Expert in Criminal Trial Law
320 SE 10th Ct.
Ft. Lauderdale, FL 33316
(954) 559-0647
www.law-lc.com
Offices in Broward, Dade,

& WPB *Former Drug Trafficking Prosecutor
*Free Initial Consultation

Donald A. Lykkebak

250 Park Ave South, Suite 200
Winter Park, FL 32789
Ph: 407-425-4044
Fax: 321-972-8907
don@donaldlykkebak.com
donaldlykkebak.com
"Board certified criminal trial lawyer with over 30 years' experience."

Robert Shafer & Associates, P.A.

Robert Shafer

106 N. Pearl Street
Jacksonville, FL 32202-4620
Tel: 904-350-9333
Fax: 904-633-7820
shafercriminallaw.com
robert@shafercriminallaw.com
Over 30 years focusing on drug charges.

John H. Trevena

801 West Bay Dr., Suite 509
Largo, FL 33770
Phone: 727-581-5813
Fax: 727-581-7758
TrevenaLaw@aol.com
trevena.com

ILLINOIS

Jeffrey B. Fawell

Fawell & Associates
500 S. Country Farm Rd,
Ste 200 Wheaton, IL 60187
630-665-9300
fawell@fawell.com
Criminal, DUI, traffic, and immigration defense.

Imhoff & Associates, P.C.

Criminal Defense Attorneys
Vince Imhoff, Managing Partner
Naperville, IL
800-887-0000
Info@CriminalAttorney.com
CriminalAttorney.com
Experienced, aggressive Medical Marijuana & Criminal Defense Attorneys Nationwide
** Free consultation**

INDIANA

Stephen W. Dillon

Dillon Law Office
3601 N. Pennsylvania St.
Indianapolis, IN 46205
317-923-9391
steve@dillonlawindy.com

stevedillonlaw.com
Chair, NORML Board of Directors.

KANSAS

William (Billy) K. Rork

1321 SW Topeka Blvd.
Topeka, KS 66612-1816
785-235-1650
rork@rorklaw.com
rorklaw.com
Zealous and successful drug defenses on I-70/I-35 vehicle stops.

Cal Williams

Calvin K. Williams Chtd.
280 N. Court Ave.,
P.O. Box 304
Colby, KS 67701
785-460-9777
calwilliamsesq@hotmail.com
On I-70, western Kansas.

MARYLAND

David E. Kindermann, Esq.

15 West Montgomery Ave,
Suite 300
Rockville, MD 20850
Tel: 301-762-7900 — 24/7
Fax: 301-309-0887
kindermannlaw.com
dave@kindermannlaw.com
Licensed in Maryland, D.C. and Federal Courts incl. U.S. Supreme Court.

MASSACHUSETTS

Norman S. Zalkind

Zalkind, Duncan & Bernstein LLP
65A Atlantic Ave.
Boston, MA 02110
Phone: 617-742-6020
Fax: 617-742-3269
nzalkind@zalkindlaw.com

MICHIGAN

Matthew R. Abel

Cannabis Counsel PLC
2930 Jefferson Avenue East
Detroit, MI 48207
313-446-2235
attorneyabel@me.com
cannabiscounsel.com
Executive Director of MINORML. NORML Legal Committee Lifetime Member. Specializing in cannabis cases and cannabis business law.



Jason Barrix

Attorney at Law
Barrix Law Firm PC
2627 E. Beltline Ave SE,
Suite 310B
Grand Rapids, MI 49546-593
Call 24/7 Service

OFFERING THE LARGEST SELECTION OF AMERICAN MADE GLASS!



THE CLEANEST, EVEN BURNING
BOWL AVAILABLE IN A HANDPIPE.

  /dynamitedistro

All product made in the U.S. and Intended for tobacco use.




The Ultimate Combustion Pen

NEW & IMPROVED
2.0 MICRO USB



The CLOUD Pen™ 2.0 Includes:

- 1pc. Cloud Pen™ Mouthpiece
- 1pc. Cloud Pen™ Atomizer
- 1pc. Cloud Pen™ Lithium-Ion Battery
- 1pc. Cloud Pen™ Mouthpiece Cover
- 1pc. Cloud Pen™ Wall Adapter
- 1pc. Cloud Pen™ Wired micro USB Charger
- 1pc. Cloud Pen™ User Manual
- 1pc. Cloud Pen™ Travel Case
- 1pc. Cloud Pen™ X  TOOL



SHOPcloudpen.com

WHOLESALE@CLOUDPENZ.COM

HIGH TIMES LEGAL DIRECTORY

1-877-NO-4-Jail /
1-877-664-5245
Fax: 1-888-337-1308
barrixlaw.com
Criminal Defense Focusing
on Drug, DUI, License
and Injury Cases. "Winning
Cases Statewide since 1993"

Michael A. McInerney, Esq.

Michael A. McInerney, PLC
312 E. Fulton
Grand Rapids, MI 49503
(616) 776-0200 (24 hrs)
mamgrlaw@gmail.com
Defending your rights!
Medical Marijuana Issues
Civil/Criminal Trial Attorney
All Michigan Courts

John Targowski & Daniel Grow

Targowski & Grow, PLLC
141 East Michigan Ave Ste 201
Kalamazoo, MI 49007
(800) 957-1069
targowskigrow.com

MISSOURI

K. Louis Caskey

1102 Grand Blvd, Suite 800
Kansas City, MO 64106
Phone: 816-221-9114
Cell Phone: 816-536-1411
Fax: 816-220-0757
klouie711@aol.com
caskeyatlaw.com

Daniel Dodson

315 Marshall Street
Jefferson City, MO 65101
573-636-9200 or
800-DODSON-1
dd@danieldodson.net
danieldodson.net
Board member, NACDL;
Nationwide advice/referrals.

Dan Viets

15 N. 10th St.
Columbia, MO 65201
573-443-6866
danviets@justice.com
Former president of MO
Assoc. of Criminal Defense
Lawyers, NORML Board
Chair.

NEW HAMPSHIRE

Sven Wiberg

Wiberg Law Office
2456 Lafayette Road, Suite 7
Portsmouth, NH, 03801
Phone: 603-686-5454
Fax: 603-457-0332
sven@nhcriminaldefense.com

NEW JERSEY

William H. Buckman

110 Marter Ave, Suite 209

Moorestown, NJ 08057
Phone: 856-608-9797
Fax: 856-608-6244
wbuckman@wbuckman.com
wbuckman.com

Nathan Kittner

131 Main St.
Hackensack, NJ 07601
201-488-5565
vlsgrad@prodigy.net

Criminal defense litigation.

Frank T. Luciano, P.C.

147 Main St, Suite #5
Lodi, NJ 07644
Phone: (973) 471-0004
Fax: (973) 471-1244
cdswiz.com
Over 30 years of defending
drug prosecutions. Free book
on drug cases in New Jersey.

Allan Marain

100 Bayard St.
P.O. Box 1030
New Brunswick, NJ 08903
732-828-2020
info@NJMarijuana.com
njmarijuana.com
When pleading guilty is not
an option.

Neal Wiesner

Law Office of Neal Wiesner
1 Maiden Lane, 9th floor
New York, NY 10038
Tel: 212-732-2225
Fax: 718-556-0118
nealwiesner@aol.com

NEW MEXICO

David C. Serna Serna Law Offices

725 Lomas Blvd. NW
Albuquerque, NM 87102
505-242-4057
sernalaw.com
Board-certified criminal-
defense specialist. NORML
lawyer since 1985.

NEW YORK

Robert S. Gershon

Law Office of Robert S.
Gershon
142 Joralemon Street, Ste 5A
Brooklyn, NY 11201
718-625-3977
robertgershon.com
rg@robgershon.com
I help good people in bad
situations.

David C. Holland, Esq.

David C. Holland, P.C.
250 West 57 St., Suite 920
New York, NY 10016
212-935-4500
Licensed in NY, NJ & MD.

Neal Wiesner

Law Office of Neal Wiesner
1 Maiden Lane, 9th floor
New York, NY 10038
Tel: 212-732-2225
Fax: 718-556-0118
nealwiesner@aol.com

OHIO

Spiros P. Cocoves

Law Offices of Spiros P.
Cocoves
610 Adams St., 2nd Flr
Toledo, OH 43604-1423
419-241-5506
Fax: 419-242-3442
scocoves@gmail.com
Federal/State Criminal
Defense, OH/MI

OKLAHOMA

M. Michael Arnett

Arnett Law Firm
3133 N.W. 63rd Street
Oklahoma City, OK 73116
Tel: (405) 767-0522
Fax: (405) 767-0529
mikearnett1@juno.com

Chad Moody

217 N Harvey Street, Ste. 409
Oklahoma City, ok 73102
Phone: 405-231-4343
Fax: 405 231-0233
thedruglawyer@
thedruglawyer.com
When a Conviction is Not an
Option

OREGON

John C. Lucy IV

2121 SW Broadway, Suite 130
Portland, OR 97201
Phone: 503-227-6000
Other Phone: 919-720-2513
john@law420.com
law420.com
"Medical Marijuana and Drug
Crime Defense Throughout
Oregon"

PENNSYLVANIA

Simon T. Grill

525 Elm Street
Reading, PA 19601
888-333-6016
STG1300@epix.net
Marijuana defense.

SOUTH CAROLINA

Robert E. Ianuario,

M.B.A., J.D.
Attorney & Counselor
419 Vardry St.
Greenville, SC 29601
Tel (864) 255-9988

Fax (866) 212-3249
sc420attorney.com
Member of Norml Legal
Committee, Member of National
College for DUI Defense

TEXAS

Jamie "The Dude" Balagia

Offices in Austin and
San Antonio, TX
Board Member—San Antonio
NORML. NORML Legal
Committee. Former "VICE
Cop"—Austin PD. State and
Federal representation.
420dude.com
jamie@420dude.com
San Antonio: 210-394-3833
Austin: 512-278-0935

Blackburn & Tisdell LLP.

718 W 16th St.
Amarillo, TX 79101
Phone: 806-371- 8333
Fax: 806-350- 7716
blackburn@ipoftexas.org
txcriminallawyer@yahoo.com

Greg Gladden

3017 Houston Ave.
Houston, TX 77009-6734
713-880-0333
gladden@airmail.net

Gerald Goldstein

2900 Tower Life Bldg.
San Antonio, TX 78205
210-226-1463
GGandH@aol.com

Michael C. Lowe

Attorney At Law
700 N Pearl Street, Ste 2170
Dallas, Texas 75201
214.526.1900
Toll free: 866.351.1900
Fax: 214.969.0258
dallasjustice.com
Board certified in criminal
law by the Texas board of legal
specialization.

Larry Sauer

Law Offices of Larry Sauer
1004 West Ave
Austin, TX 78701
512-479-5017
austindruglawyer.com
Criminal defense.

VIRGINIA

Adam B. Crickman

Law Office of Adam B.
Crickman
3516 Plank Road, Suite 5-B
Fredericksburg, VA 22407
540-785-5500
Experienced, Aggressive
Criminal Defense.

WASHINGTON

Jeff Steinborn

3161 Elliot Avenue, Suite 340
Seattle, WA 98121
Tel: 206-622-5117
Fax: 206-622-3848

Pat Stiley

Stiley & Cikutovich
1403 W. Broadway
Spokane, WA 99201
888-440-9001
fudea@earthlink.net
legaljoint.net
If you grew it, we will come.

WASHINGTON D.C.

David E. Kindermann, Esq.

15 W. Montgomery Ave, Ste.
300
Rockville, MD 20850
Tel: 301-762-7900 — 24/7
Fax: 301-309-0887
kindermannlaw.com
dave@kindermannlaw.com
Licensed in D.C., Maryland
and Federal Courts incl. U.S.
Supreme Court.

WISCONSIN

Robert J. Dvorak

Halling & Cayo
320 E Buffalo St., Ste. 700
Milwaukee, WI 53202
414-271-3400
rjd@hallingcayo.com
Representing the accused
since 1978.

Mark D. Richards S.C.

209 8th Street
Racine, WI 53403
262-632-2200
richardslaw@ameritech.net
richardslaw1.com
Aggressive drug defense.

CANADA

Henderson & Lee Law Corporation

Barristers & Solicitors
#1010 Metro Tower I
4710 Kingsway
Burnaby, BC V5H4M2
604-558-2258
Fax: 604-558-4023
info@hendersonleelaw.com

The Law Office of Jeffrey I. Reisman

465 Queen Street East
Toronto, Ontario M5A 1T6
647-351-(HELP) 4357
jeffreyreisman@gmail.com
Aggressive Drug Defense
Lawyer

**ON NOVEMBER 6TH 2012
COLORADO AND WASHINGTON
LEGALIZED MARIJUANA.**



HELP US FREE THE OTHER

**48
STATES**

**TOGETHER,
WE WILL LEGALIZE MARIJUANA.**

JOIN TODAY @ NORML.ORG



Pot Shots

Show us what you got!

Email your hi-res digital photographs to mailbag@hightimes.com or send pictures (no Polaroids) to 250 West 57th Street, Suite 920, New York, NY 10107.

FLOWER OF THE MONTH


In the Pink



God Bud grown by
Billy Batz in Michigan.

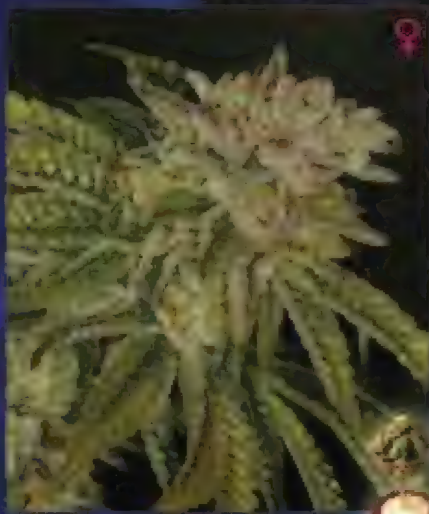
Panther






PREMIER INDICAS

MK-ULTRA



INDICA CUP WINNER
High times Cannabis Cup 2002
High times Cannabis Cup 2009

DARKSTAR



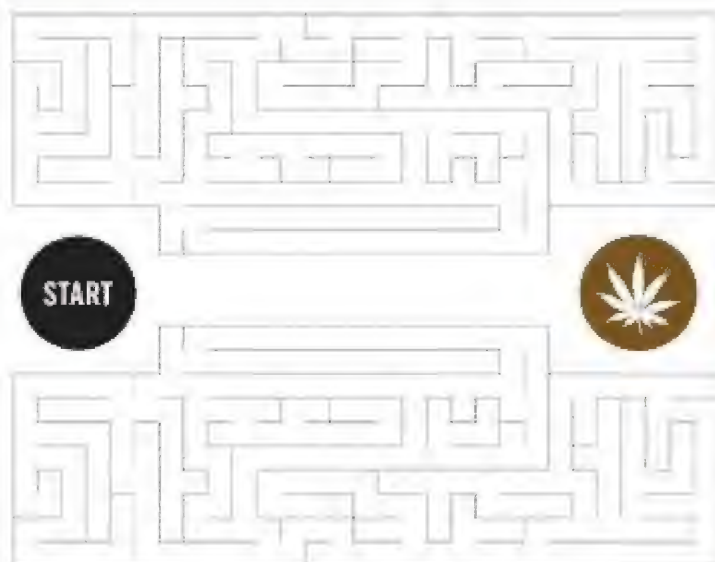
HIGHEST THC IN THE GALAXY!
During the recent 22nd High Times Cannabis Cup
Dark Star® tested 22%+ THC soaring higher than all
the Indica Cannabis Cup Winners!
Winner of the 2012 Exogrow Cup (Iran-Spain)

CRITICAL HOG




CUP WINNER
High Times Cannabis Cup Indica Cup Winner

ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD
 T.H. Seeds® Amsterdam, info@thseeds.com, www.thseeds.com - UK distributor: Pure Sativa, t: 020 8964 1717 f: 020 8964 1818
 email: puresales@pure-hemp.com, www.puresativa.com



THE GROWOLOGY SYSTEM. FERTILIZATION MADE SIMPLE.

Growing healthy, hearty plants doesn't have to be complicated. In just three simple steps, the Growology system gives you plants everything they need for incredible results. Growology. All you need from start to finish.




GROWOLOGY

NUTRIENT & CONTROL FOR THE GROWER. PHOTOGRAPH BY JAMES

Want to learn more? Visit doggettsimpson.com

ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

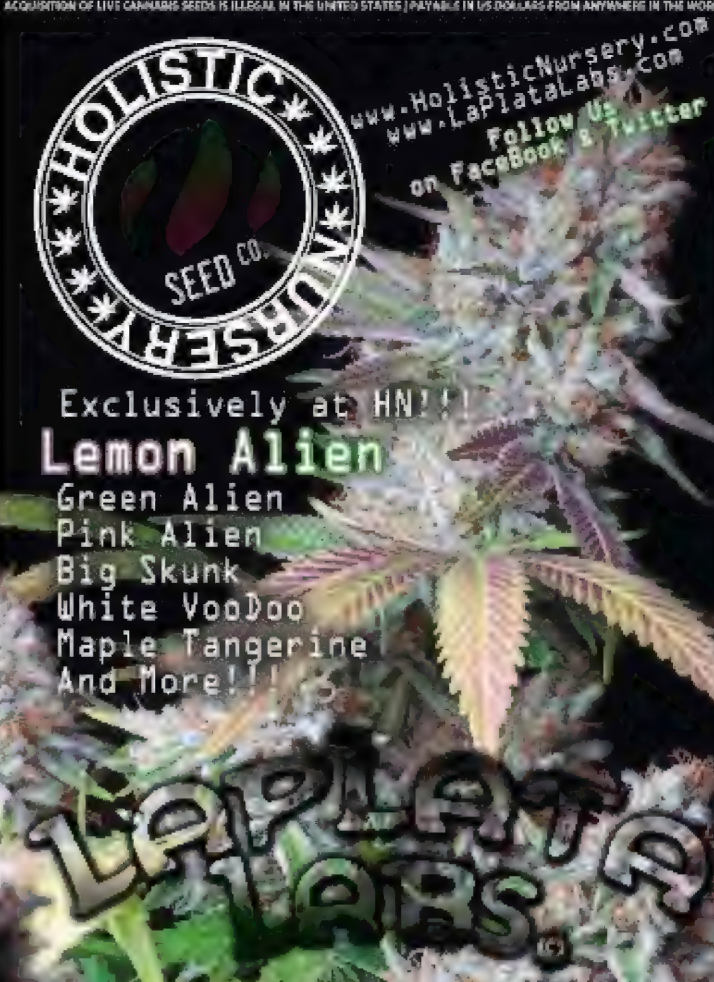


www.HolisticNursery.com
www.LaPlataLabs.com
Follow Us on Facebook & Twitter

Exclusively at HN!!!

Lemon Alien

Green Alien
Pink Alien
Big Skunk
White Voodoo
Maple Tangerine
And More!!!



LAPLATA LABS

CLOSE-UP OF THE MONTH

Cola Monster

Here's a shot for your magazine from last year's Prop. 215 legal organic garden right before harvesting. GDP x OG Kush. Peace. J.S.D. in Sonoma County, CA.



GARDEN OF THE MONTH

Hoop Dreams

This is how we do it in NorCal! Cole_cane



Personal Vaporizers



PULSAR 7
For Raw Herbs



PULSAR Ninja
For Thick Oils & Concentrates

E-Cigarettes & E-Liquid

Dark Matter Caps

Kratom

100% All Natural Herbal Blends

www.LegalHerbsDirect.com

For Wholesale Inquiries, Email us at Wholesale@LegalHerbsDirect.com!

WE CARRY THE LEADING
DRUG TESTING PRODUCTS AT
**DISCOUNTED
PRICES!**

TOP SELLING DETOX PRODUCTS

- DRINKS • SHAMPOOS
- MOUTHWASHES

WORLD'S LEADING SYNTHETIC URINES

- POWDER OR PREMIXED

**THE MOST POPULAR
URINE SUBSTITUTION KITS**

1-800-975-1466

WWW.DRUGTESTCHEATS.COM

FREE SHIPPING

#1 PLANT HORMONE

FOR GROWERS AND CO-OPS FOR OVER 30 YEARS

YES DOUBLE/TRIPLE YOUR YIELD



- ✓ Plant Hormones
- ✓ Totally Unique
- ✓ Easy-To-Use
- ✓ Amazing Results
- ✓ Absolutely Safe
- ✓ Soil or Hydroponics
- ✓ Indoors or Out

Plantastic Plant Products are miraculous hormone stimulants used to increase the number of blossoming and flowering sites on your plants and give you a greater harvest.

FREE SENSA-SPRAY 2oz bottle with any purchase

PLANTASTIC PLANT PRODUCTS

SS0512 Enter code at checkout for offer. Order now while supplies last.

For more information visit us online at www.plantasticplantproducts.com

HARVEST OF THE MONTH

You're the Tops



TGA Crazy Train, the funkiest of the bunch. *ThatGuy*



GROWER OF THE MONTH

Outlaw Gardener



This is my baby I've been developing over the last 10 years. I call it Fruit Loop, It's a back crossed Blue Cheese x Blue Nepalese x Grapefruit Haze (autoflowering). It tastes awesome and finishes around 45-50 days in a organic soil garden, under 1600 watts HPS in a 5'x5' grow tent. Outgrow the Government. *Todd S.*



NUG OF THE MONTH

Trichome Overload



Here's a picture from my garden. This was grown organically with love in Northern California. I hope you enjoy!

Karl Kulik

TOTAL HEALTH CLEANSE

Simple detox program
100% natural and herbal
Easy to take capsules
TOTALHEALTHCLEANSE.COM



TOTAL HAIR CLEANSE

Detailed Instructions
Permanent Cleanse
Not a mask or cover-up
TOTALHAIRCLEANSE.COM



DETOX DECOMPLICATED

Used together, the THC program maximizes the total elimination of toxins from body and hair. Visit our product websites for complete, step-by-step, easy to follow instructions.

FREE SHIPPING!!!

ONLY AT

SYNCHE.COM

synche
enterprises 

SEPTEMBER 2013

HIGH TIMES



■ Gear of the Year 2013

Every year in our September issue, the *High Times* cultivation department reveals its list of the top pot products of the year. From grow lighting to harvesting equipment, we've tested them all of them "in the field" in order to bring our readers the full list of technological triumphs in cannabis cultivation merchandise that merit inclusion in our Significant Technological Achievements in Secretive Horticulture (STASH) Awards.

■ Harvest in Jamaica

Have you ever bought a bag of herb on the beach in Negril? Get the inside scoop on how it got there. Take a journey that begins in the ghettos of Kingston, Jamaica and ends in the lush herb fields of St. Ann's parish.

■ Pediatric Pot

Meet Oregon's youngest medical marijuana patient, 7-year-old Mykayla Comstock. With positive thinking, the help of a loving family, a healthy diet, RSO oil and cannabis juice, Mykayla is bravely fighting leukemia and winning!

■ The New Glass

Editorial director Dan Skye visits America's top glassblowers and showcases some of the hottest new oil rigs available and the exquisite, functional pipes that top artists are creating.

■ Redman in the House

Twenty years ago, Redman appeared on our cover. Since then, he's been a regular High Times events headliner. The iconic rapper explains his enduring popularity and success.

GET

HIGH TIMES

IN YOUR
INBOXFREE
WEEKLY
NEWSLETTER

- ✓ GROW TIPS
- ✓ CANNABIS NEWS
- ✓ EVENTS
- ✓ CONTESTS
- ✓ AND MORE!


hightimes.com/newsletter



Free Seeds

with **EVERY*** order!

NEW & Bestselling Seedbanks



The following seeds

\$13.67 /each

Bay 11
REG

Bay Dream
REG

Candyland
REG

GrandDaddy Purple
REG

Ken's Kush
REG

Phantom Cookies
REG

OG Kush
REG

VISION SEEDS



The following seeds

\$6.07 /each

AK 49 Auto
FEM

Jack Herer
FEM

Lowryder Auto
FEM

Northern Lights
FEM

NY Diesel
FEM

Super Skunk Auto
FEM

White Widow
FEM

We offer both **single seeds** and full **packs of ten**, allowing you to create your perfect grow room.

Single seeds are dispatched with a portion of the original product carton. Seeds are despatched stealthily from Great Britain and you are billed discreetly. We will replace your seeds if they do not reach you, whatever the reason!

Seeds
from **\$1.99** /Seed

DISCREET
BILLING & PACKAGING

GUARANTEED
NO BULL SHIPPING



GeoTrust

*Subject to fair usage, see website.
Prices correct at time of publication

www.thesingleseedcentre.com



SPECIAL OFFER! FREE 6 MONTHS SUPPLY! 100% MONEY BACK GUARANTEE!

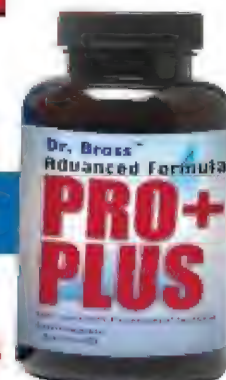
LARGER SIZE!

LONGER, THICKER, FIRMER

Dr. Bross Approved Best Selling Pills. Over 35 Years Experience Helping Men Improve Their Sexual Performance.

FEATURED ON 20/20 TELEVISION. SIZE MATTERS. LENGTH AND GIRTH ARE IMPORTANT. LARGER IS MORE DESIRABLE.

Size Can Be 2 To 3 Inches Bigger.



DOCTOR REVEALS THE TRUTH ABOUT MALE ENLARGEMENT

I am a sex therapist and for more than 25 years I have helped men with erectile dysfunction including size, impotency and premature ejaculation. I am offering a pill that can eliminate all the effort and expense of trying to be larger, wider and firmer.

CAN HELP YOU TO REACH YOUR MAXIMUM POTENTIAL SIZE.

You can have a change in length and width. Your sex partner can see and feel how thick, long and hard you are. You are much larger now and you will penetrate the most sensitive areas of the woman including her G-Spot. These sensations can produce for her multiple orgasms and give you the confidence of being a better lover.

CAN YOU HAVE LONG LASTING OR PERMANENT RESULTS?

Dr. Bross advises, Every man is different and individual results will vary. Size can be 2 to 3 inches bigger and can have long lasting results when you continue to take PRO+PLUS PILLS. The longer you take PRO+PLUS PILLS you can have a longer, thicker and harder penis."

EVERYTHING MATTERS

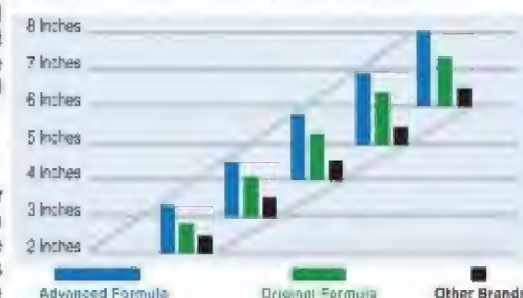
Size, Endurance, Performance

STRONGER ERECTIONS AND MAINTAINS YOUR SEXUAL VIRILITY.

PRO+PLUS PILLS are a natural, non-prescription herbal enlargement formula. We also include the same type of herbs found in Polynesia where some men have sex 3 times a night, every night. Your sexual performance can improve substantially. PRO+PLUS PILLS can help boost your sexual energy, stamina and help stop premature ejaculations.

100% MONEY BACK GUARANTEE!
IF YOU ARE NOT COMPLETELY SATISFIED,
RETURN YOUR ORDER WITHIN 2 MONTHS
AND RECEIVE A FULL 100% REFUND.

PRO+PLUS PILLS Outperforms All Other Brands Pills And Creams. Compare The Results From Our Consumer Survey.



QUICK ABSORPTION FAST ACTING RAPID RELEASE

WHICH FORMULA IS BEST FOR YOU?

PRO+PLUS PILLS ADVANCED FORMULA

Our formula can help men with a form of HYPOSPADIAS. (HYPOSPADIAS can make a man's penis smaller) or a man with a small penis since they were young. Penis size now is less than average and need an accelerated enlargement to reach a much firmer erect penis size. Can also be used by men with a larger penis that want to take advantage of the acceleration feature and maximum penis enlargement.

PRO+PLUS PILLS ORIGINAL FORMULA

This formula is for men who are now 6 inches or more and want maximum enlargement.

WHAT CAN PRO+PLUS PILLS DO FOR YOU?

- Erection size can be 2 to 3 inches bigger.
- Enjoy powerful, intense orgasms.
- Reduce recovery time between sexual intervals.
- Erections when you want them. Firmer, bigger erections every time.
- Because there is more blood flow, your penis is thicker and larger.
- Long lasting results when you continue to take PRO+PLUS PILLS.

CREDIT CARD ORDERS TOLL FREE ANYTIME

1-866-765-PILL (7455)

FAX 1-818-345-4643

www.proplusmedical.com

www.avidpromedical.com



SEND ORDER FORM AND PAYMENT TO:

AVID PRO MEDICAL dept. 37HTA
Box 1708 North Hollywood, CA 91614

CREDIT CARD ORDERS ONLY Toll Free Anytime

1-866-765-PILL (7455) or FAX 1-818-345-4643

Phone & Credit Card Orders specify **PRODUCTS AND DEPT.** (shown above, next to company name)

☐ Check ☐ Money Order ☐ Cash ☐ Visa ☐ MasterCard
☐ American Express ☐ Discover

CREDIT CARD NO.

EXPIRES: Month/Year

CVS CODE 3-digit Security Code found on back of card or 4-digits on front of American Express

PRO+PLUS ADVANCED FORMULA

- ☐ 60 Days Supply (30 Days Plus 30 Days FREE) \$60.00 \$
- ☐ 120 Days Supply (60 Days Plus 60 Days FREE) \$110.00 \$
- ☐ 240 Days Supply (120 Days Plus 120 Days FREE) \$160.00 \$
- ☐ 360 Days Supply (180 Days Plus 180 Days FREE) \$210.00 \$

PRO+PLUS ORIGINAL FORMULA

- ☐ 60 Days Supply (30 Days Plus 30 Days FREE) \$50.00 \$
- ☐ 120 Days Supply (60 Days Plus 60 Days FREE) \$90.00 \$
- ☐ 240 Days Supply (120 Days Plus 120 Days FREE) \$130.00 \$
- ☐ 360 Days Supply (180 Days Plus 180 Days FREE) \$170.00 \$

PRO+PLUS XTREME

FREE 4 PACK WITH ANY PRO+PLUS ADVANCED OR ORIGINAL FORMULA

Please Specify Quantities

- ☐ FREE 4 Pack (4 Capsules)..... Only \$9.95 \$
- ☐ 12 Packs of 4 Capsules (48 Capsules) Only \$48.75 \$
- ☐ 144 Packs of 4 Capsules (576 Capsules) Only \$300.00 \$

SUPER FORMULAS ONLY \$25.00 EACH OR SELECT ONE FREE

WITH ANY PRO+PLUS ADVANCED OR ORIGINAL FORMULA

Select Any **THREE FREE** With a 240 Days Supply **PRO+PLUS PILLS.**

Select Any **SIX FREE** With a 360 Days Supply **PRO+PLUS PILLS.**

Please specify Quantities

- ☐ Sexiter To Excite Women..... FREE \$
- ☐ Sexiter To Excite Men..... FREE \$
- ☐ Attract-A-Mate To Attract Women..... FREE \$
- ☐ Attract-A-Mate To Attract Men..... FREE \$
- ☐ Ultra Perform Erection Cream..... FREE \$
- ☐ Super V Pills..... FREE \$

TOTAL PURCHASE: \$

CA Residents add 9% sales tax:..... \$

Shipping, Rush Service and Insurance \$20.00 VALUE ONLY \$ **14.95**

TOTAL ENCLOSED OR CHARGED: \$

Orders discreetly shipped with UPS or Priority Mail.

Foreign Orders -- Money Order in U.S. Funds Only. Add \$25.00 S&H.

SIGNATURE (Jani over 18 and agree to the terms of avidpromedical.com and proplusmedical.com)

NAME (print)

ADDRESS

CITY/STATE/ZIP

COPYRIGHT ©1996 PRO-PLUS is a trade name of Avid Pro Medical



PRO+PLUS XTREME IMMEDIATE FIRM ERECTIONS

FOR THE MAN WHO WANTS IMMEDIATE RESULTS

Can Work In 30 Minutes. Effective Up To 36 Hours.

For men who want to improve their sexual performance and enhance erection firmness.

Intense Erections, Incredible Orgasms, Increase Sensitivity, Arousal and Sexual Stamina. Dynamic staying power. Greater Self-Confidence. 100% Natural. Frequent and longer lasting intimacy. Take your partner to new levels of satisfaction. You can have longer, firmer erections and stronger climaxes. Carry the PRO+PLUS XTREME handy 4 pack with you all the time.

BE READY ANYTIME. FREE 4 PACK WITH ANY PRO+PLUS ADVANCED OR ORIGINAL FORMULA

MORE DOCTOR APPROVED SUPER FORMULAS

SPECIAL OFFER! \$25.00 EACH OR FREE WITH ANY PRO+PLUS ADVANCED OR ORIGINAL FORMULA.

SEXITER FOR WOMEN MAKES WOMEN DESIRE SEX!

Can be taken by mouth or put in any liquid without detection, but you should get her permission. She will become excited and desire you.

Our SEXITER FOR MEN can help increase the male sex drive.

SEXITER TO EXCITE WOMEN: 130 doses.

Reg. \$49.95 NOW ONLY \$25.00

SEXITER TO EXCITE MEN: 130 doses.

Reg. \$49.95 NOW ONLY \$25.00

SEXUALLY ATTRACT WOMEN WITH ATTRACT-A-MATE!

Used like cologne or after-shave the Pheromone fragrance drives women to you and makes you irresistible. You will ignite her wildest desires...it's done by scent alone, you don't have to say a word. Only you know the secret. You will be amazed how women will become passionate.

ATTRACT-A-MATE to attract women.

40 applications Reg. \$49.95 NOW ONLY \$25.00

ATTRACT-A-MATE to attract men.

40 applications Reg. \$49.95 NOW ONLY \$25.00

ULTRA PERFORM ERECTION CREAM

(apply directly to the penis)

Can help increase blood flow to the penis for harder, thicker powerful erections. Heightens sensations with intense orgasms.

Can help increase your sexual performance and help stop premature ejaculations.

ULTRA PERFORM ERECTION CREAM

2 oz jar Reg. \$49.95 Now only \$25.00

SUPER V PILLS FOR MEN

The Natural alternative that will give you harder, longer lasting throbbing erections. SUPER V Pills makes it possible for you to obtain and maintain a super hard erection. Young or old you can have rock hard erections and stronger climaxes. Can help stop pre-mature ejaculations and reduce the recovery time between sexual intervals. Super V super-charges the body to restore sexual virility. Take your partner to new levels of sexual satisfaction.

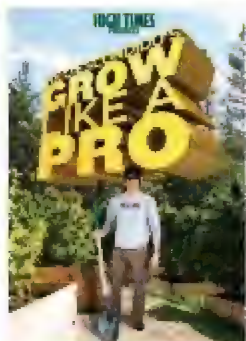
30 Pills Reg. \$49.95 NOW ONLY \$25.00



Featured Products



HIGH TIMES Cultivation Editors' Combo Pack
Set includes Jorge Cervantes' *Ultimate Grow Box Set*, Nico Escondido's *Grow Like a Pro*, and Danny Danko's *Field Guide to Marijuana Strains*. An \$85 value for only **\$69.99!**



HIGH TIMES Presents Nico Escondido's *Grow Like a Pro* DVD
Featuring over two hours of comprehensive cultivation coverage and bonus material, this HD-film features footage of America's top medical grow facilities, indoor and outdoor-growing and greenhouse techniques. **\$19.95**



Official HIGH TIMES Bonghitters Jersey
Show your pot pride by sporting the same shirts worn by the legendary High Times Bonghitters Softball team. Sizes: S-XXL. **\$19.95**



Ready Set Grow 1 & 2 DVD Set
The ONLY DVDs you NEED to grow great WEED! **\$34.99**



Back Issues of HIGH TIMES
Lots of issues available! HIGH TIMES: **\$5.99**; Best Of HIGH TIMES: **\$6.99**; HIGH TIMES: Medical Marijuana: **\$5.99**

Classics from master grower Jorge Cervantes



Ultimate Grow DVD Complete Box Set
Three-disc DVD box set includes *Ultimate Grow: Indoor Marijuana Horticulture*, and *Ultimate Grow 2: Hydroponic Cannabis Indoors & Organic Marijuana Outdoors*. Plus a full disc of bonus features! **\$49.95**

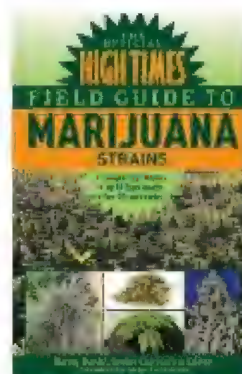


Marijuana Horticulture
The Fifth Edition of Jorge Cervantes' best-selling book, completely rewritten, updated and expanded! **\$29.95**



Marijuana Grow Basics
This informative guide is packed with illustrations and photos of more than 150 affordable marijuana grow setups. **\$21.95**

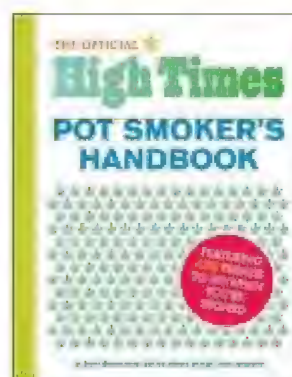
High Times Books



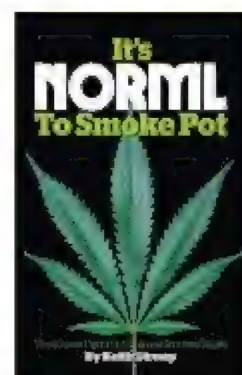
The Official HIGH TIMES Field Guide to Marijuana Strains
By Danny Danko
This cannabis compendium covers the world's top pot varieties—all meticulously researched and lovingly described in terms ranging from odors and flavors to potency levels and medicinal properties. **\$14.95**



The Official HIGH TIMES Cannabis Cookbook
by Elise McDonough
Go way beyond the brownie and master your munchies with over 50 recipes for stoner cuisine that will get you high—including recipes inspired by Cheech and Chong, Snoop Dogg and Willie Nelson. **\$19.95**



The Official HIGH TIMES Pot Smoker's Handbook
by David Bienenstock
This handbook rolls up all of our collected wisdom into one indispensable ganja guide. With a life-changing list of 420 things to do when you're stoned, this is truly the ultimate guide to green living. **\$19.95**



It's NORML To Smoke Pot: The 40-Year Fight For Marijuana Smokers' Rights
By Keith Stroup
The story of NORML, the oldest and most effective organization dedicated to the reform of marijuana laws, told by its founder and leader. If you believe in the principle of civil liberties, then Keith Stroup is a true American hero. **\$14.99**



The Official HIGH TIMES Pot Smoker's Activity Book
by Natasha Lewin
Smoke, play, laugh and learn all at the same time! Packed with puzzles, games, mazes, and jokes. It's what to do when you're stoned! **\$16.95**

AVAILABLE IN 32 TASTY PUFFIN FLAVORS!

NEW
Flavors



\$25 for 6 DROPPER bottles

**JUST A FEW DROPS
FLAVORS ANYTHING!**

Can be used with: Pipe tobacco,

Cigars, Favorite legal herbs,

Blunt wraps, Water pipes, Hookahs,

Vaporizers and E-cigarettes

1 oz spray bottles

available in all 32 flavors \$9.95 each



www.TastyPuff.com





What would you like to see on the Pot 40? Write your ideas on this ballot and mail to:

HIGH TIMES
Pot 40—Suite 920
250 West 57th
New York City, NY 10107

HIGH TIMES

PRESENTS THE MEDICAL

CANNABIS CUP™



EXPO
SEMINARS
COMPETITION
MUSIC
& PARTIES!

22

JUNE 2013

23



FOR TICKETS
VISIT MEDCANCUP.COM

SAN FRANCISCO

CRANEWAY PAVILION, RICHMOND, CA

FEATURING MUSICAL PERFORMANCES TO BE ANNOUNCED!

D.H.



GRENCO SCIENCE
INTRODUCES

GRENCOSCIENCE.COM

ESSENTIAL OIL GLASS TANK™

FOR THE **G|PEN**



G|COIL™

FOR THE **G|PEN**



USE DISCOUNT CODE 'BESTOF2013' AT GRENCOSCIENCE.COM
DURING CHECKOUT FOR 15% OFF YOUR ORDER

GROW SAFE WITH POWERBOX HYDROPONICS LIGHTING CONTROLLERS!

Installing the proper electrical system is the most important factor when setting up your hydroponics garden!

Cutting corners can lead to disastrous consequences, such as fire, serious injury, or worse. A POWERBOX provides the ultimate in safety, reliability, cost-savings, and speed-of-deployment. Hand-made in California by skilled craftsmen, every POWERBOX is an individual work of art. Designed for growers like you, when you are going to do it right, POWERBOX is your only choice!

- **ULTIMATE SAFETY & PROTECTION**
- **QUICK INSTALLATION**
- **RELIABLE OPERATION**



- **AVOID GROW ROOM FIRES**
- **PREVENT ELECTROCUTION**
- **MODELS FOR ALL GARDEN SIZES**



INCREASE PRODUCTIVITY & YIELDS WITH A **FLIPBOX®** by **POWERBOX®**



When it comes to maximizing production, there is no better choice than a **FLIPBOX!**

A typical flowering room has lights running for only 12 hours per day. When the lights go off, the ballasts sit idle for 12 hours. By adding a **FLIPBOX** to the equation, when the first cycle ends, the ballast output is switched to another set of lights in a second bloom room, so you can keep growing, 24/7. This allows you to double your light output with the same set of ballasts, on the same electrical circuits.

- **DOUBLE PRODUCTION**
- **INCREASE YIELDS**
- **SAVE MONEY**
- **AVOID NEW WIRING**

MODELS FOR ALL GARDEN SIZES!



Made in California

Send your address to grow@powerboxinc.com and we'll mail you our

FREE 32 PAGE CATALOG AND INSTALLATION GUIDE!

Or View it now at WWW.POWERBOXINC.COM